## **INDEX**

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SHEET NO.	PLAN REFERENCE NO.	TITLE

PLAN
REFERENCE
NO.
SHEET
OF
SHEETS

NOTE: ALL SHEET REFERENCES, FIRST NOS. OF STRUCTURE CODE DESIGNATIONS AND MATCH LINE SHEET REFERENCES, ETC., THROUGHOUT THE PLANS, REFER TO THE ENTRY IN THE PLAN REFERENCE NUMBER BOX.

FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_01IN.dgn					
TIME	7:47:11 AM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	10/26/2022				10	WASH	
PLOTTED BY	marc				10	WASH	
DESIGNED BY	C. MAR					UMBER	
ENTERED BY	C. MAR				22A	.028	
CHECKED BY	Y. KUANG				CONTR	ACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON						
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			

		Washington State Department of Transportation
DATE	DATE	

		Plot 1
	I-5	PLAN REF. NO.
	DUWAMISH RIVER TO S LUCILE ST	IN1
1	CONCRETE PAVEMENT REHAB & JOINTS	SHEET 1 OF
	INDEX	278 SHEETS

### PROJECT LICENSED PROFESSIONAL CERTIFICATES

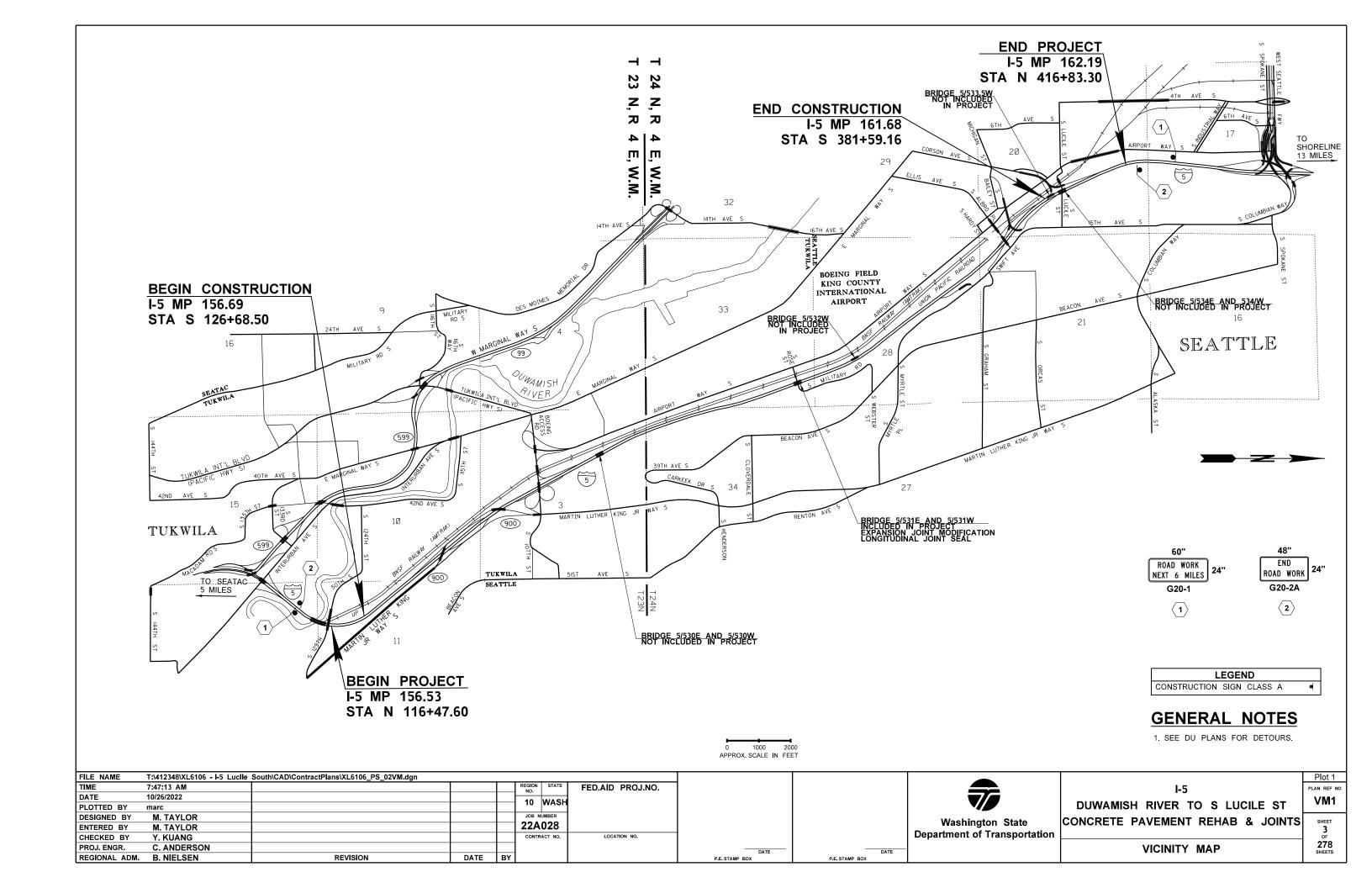
Cullen Anderson	Early Mos	Bijan Khaleghi	Mundan
Cullen Anderson	Greg Leege	Bijan Khaleghi	Michael Rosa
Nov 2, 2022	Nov 2, 2022	Nov 3, 2022	Nov 1, 2022
AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.
AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE
OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.
AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.

#### NOTES:

THIS PLAN SET WAS DEVELOPED ELECTRONICALLY UNDER THE DIRECT SUPERVISION OF THE LICENSED PROFESSIONALS THAT HAVE AFFIXED THEIR SIGNATURE TO THIS PAGE.

THIS SHEET SERVES AS THE CERTIFICATION BY THE ABOVE LICENSED PROFESSIONALS OF ALL SHEETS IN THIS PLAN SET WHERE THEIR STAMPS AND SIGNATURES APPEAR.

FILE NAME	T:\412348\XL6106 - I-5 Lucile South\CAD\ContractPlans\XL6106_PS_01IN.dgn									Plot 3
TIME	7:47:11 AM		R	REGION STATE	FED.AID PROJ.NO.				I-5	PLAN REF N
DATE	10/26/2022			10 WASH						CT1
PLOTTED BY	marc			10 WASII					DUWAMISH RIVER TO S LUCILE ST	
DESIGNED BY	C. MAR		Ш.	JOB NUMBER				Washington State	CONCRETE PAVEMENT REHAB & JOINTS	SHEET
ENTERED BY	C. MAR			22A028						2
CHECKED BY	Y. KUANG			CONTRACT NO.	LOCATION NO.			Department of Transportation		OF OF
PROJ. ENGR.	C. ANDERSON					DATE	DATE	-	CERTIFICATION SHEET	278 SHEETS
REGIONAL ADM	B NIELSEN REVISION	DATE	RV			DE CTAMP DOY	DE STAND DOY		J SERTINGATION OFFEET	1 3112213



11/1/2022

## SUMMARY OF QUANTITIES

		SUB-TOTAL	SUB-TOTAL				GROUP 1	GROUP 1	GROUP 2	GROUP 2	GROUP 3	GROUP 3	GROUP 4						
ITEM	TOTAL	*	**	OTD					1										
ITEM NO	TOTAL	SECTION I-07.2(1)	SECTION I-07.2(2)	STD. ITEM	UNIT	ITEM	I-5 NB N 116+47.6	I-5 SB S 126+68.5	I-5 NB N 205+74.7	I-5 SB S 205+18.4	BRIDGE 5/531E	BRIDGE 5/531W	THIRD PARTY						
	QUANTITY	OF STANDARD	OF STANDARD	NO.			TO	TO	TO	TO	*****	.,	DAMAGES						
		SPECS	SPECS				N 205+74.7	S 205+18.4	N 416+83.3	S 381+59.2									
h +		1				PREPARATION	<u>                                   </u>												
1 1	LUMP SUM	i	LUMP SUM	0001	L.S.	MOBILIZATION	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.				i	<u> </u>		<del></del> i
2	342370.00	i				REMOVING PLASTIC LINE	57,710.00	49,850.00		107,570.00					i				<u>-</u>
3	391.00	ĺ	391.00			REMOVING PLASTIC TRAFFIC MARKING	38.00	44.00	225.00	84.00	i			i i	İ	i i	i		i
4	60.60	ĺ	60.60			REMOVING RAISED PAVEMENT MARKER	11.40	9.00	21.70	18.50	i			i i	İ	i i	i		i
i	İ	ĺ		i i			ii		i i	i	İ			i i	İ	i i	i		i
i i	ĺ	İ				DRAINAGE	ii			ĺ	Ī			İ	Ī	İ			i
5	2.00	İ	2.00		EACH	REPLACE MANHOLE FRAME AND COVER				2.00				İ	İ	i i	İ		i
		ĺ					ii			ĺ									
		1				STRUCTURE	ii			I									
6	167.20		167.20	4444	L.F.	EXPANSION JOINT MODIFICATION - COMP. SEAL & HEADER	[ <u> </u>				167.20								
7	161.30		161.30	4444	L.F.	EXPANSION JOINT MODIFICATION - REPL. COMP. SEAL & HEADER	[ <u> </u>					161.30							
							<u>  </u>			1									
						CEMENT CONCRETE PAVEMENT	<u> </u>			1									
8	-1.00	1	-1.00	5639	DOL	GRINDING SMOOTHNESS COMPLIANCE ADJUSTMENT	-1.00												
9	14050.00		14050.00	5662	S.Y.	REPLACE CEMENT CONCRETE PANEL	1,450.00	2,690.00	3,390.00	6,520.00									
10	92400.00		92400.00	5663	DOL	PARTIAL DEPTH SPALL REPAIR	53,400.00	3,600.00	3,600.00	31,800.00									
11	3458.00		3458.00	5706	L.F.	SEALING EXISTING LONGITUDINAL AND TRANSVERSE JOINT	245.00	79.00	2,137.00	997.00									
12	449374.00		449374.00	5712	S.Y.	CEMENT CONCRETE PAVEMENT GRINDING	77,980.00	77,393.00	159,340.00	134,661.00									
13	280000.00		280000.00	5709	DOL	REPLACE UNCOMPACTABLE MATERIAL	70,000.00	70,000.00	70,000.00	70,000.00									
							[												
						HOT MIX ASPHALT	[			1									
14	1284.00		1284.00		S.Y.	GRINDING BITUMINOUS PAVEMENT	191.00	33.00	1,028.00	32.00									
<u> </u>							<u> </u>			<u></u>						<u> </u>			
<u> </u>						EROSION CONTROL AND ROADSIDE PLANTING	<u> </u>			ļ.						<u> </u>			
15	191.00		191.00			ESC LEAD	35.00	32.00	34.00	86.00	2.00	2.00				<u> </u>			
16	244.00		244.00			INLET PROTECTION	64.00	30.00	104.00	46.00					<u> </u>	<u> </u>			
17	570.00					STREET CLEANING	100.00	100.00	100.00	250.00	10.00	10.00			<u> </u>	<u> </u>			
18	84000.00		84000.00	6490	DOL	EROSION/WATER POLLUTION CONTROL	15,200.00	13,600.00	14,400.00	36,800.00	2,000.00	2,000.00			<u> </u>	<u> </u>			
<del></del>		1		<u>                                     </u>	<u> </u>	TDAFFIO	! ! <u></u>		<u>                                     </u>					<u>                                     </u>	<u> </u>	<u>                                     </u>			
	40.00	1	40.00		L FAO::	TRAFFIC	11.00		1 40.00	00.00					<u> </u>	<u> </u>			
19	48.00	1	48.00	<u>                                     </u>		INDUCTION LOOP TYPE R1S	14.00	J 05.00	12.00	22.00				<u>                                     </u>	<u> </u>	<u>                                     </u>	<u> </u>		
20	190.00	1	190.00	7//0		EXISTING LOOP TEST	35.00	25.00	70.00	60.00	224.00	224.00		<u>                                     </u>	<u> </u>	<u>                                     </u>	<u> </u>		
21	7938.00	1	7938.00	7448		TRANSPORTABLE ATTENUATOR  DEDAID TRANSPORTABLE ATTENUATOR	1,312.00	875.00	3,062.00	2,041.00	324.00	324.00	<u> </u>	<u>                                     </u>	<u> </u>	<u>                                     </u>	<u> </u>		
22	60000.00	<u> </u>	60000.00	-		REPAIR TRANSPORTABLE ATTENUATOR  IDDOEL ED DEASTIC LINE	10,000.00	10,000.00 39,860.00	10,000.00	10,000.00	10,000.00	10,000.00		<u> </u>	<u> </u>	<u>                                     </u>	<u> </u>		<u> </u>
23	278840.00 62640.00	<u> </u>	278840.00 62640.00			PROFILED PLASTIC LINE PROFILED PLASTIC WIDE LINE	44,620.00 12,850.00	9,640.00	21,220.00	88,340.00 18,930.00				<u> </u>	<u> </u>	<u>                                     </u>	<u> </u>		<u> </u>
25	4.00	<u> </u>	4.00			PLASTIC TRAFFIC ARROW	12,000.00 	3.00	1.00	10,030.00				<u> </u>	<u> </u>	<u>                                     </u>	<u> </u>		<u>l</u>
26	283.00	<u>l</u>	283.00			PLASTIC TRAFFIC ARROW  PLASTIC DRAINAGE MARKING	32.00	32.00	153.00	66.00				<u>                                     </u>	<u> </u>	<u>                                     </u>	<u> </u>		<u>l</u>
27	45.00	<u>l</u>	45.00			PLASTIC DRAINAGE MARKING  PLASTIC JUNCTION BOX MARKING	] [	32.00	45.00	00.00 I	<u> </u>			<u>                                     </u>	<u> </u> 	<u>                                     </u>	<u> </u>		<u>l</u>
28		<u>l</u>					11.40	l ginn	21.70	18 50 I	<u> </u>			<u>                                     </u>	<u> </u> 	<u>                                     </u>	<u> </u>		<u>l</u>
		<u>l</u>				RAISED PAVEMENT MARKER TYPE 2  TEMPORARY PAVEMENT MARKING-SHORT DURATION	132,670.00	9.00	297,270.00	18.50   247.400.00	<u> </u>			<u>                                     </u>	<u> </u> 	<u>                                     </u>	<u> </u>		<u>l</u>
30	897.00	<u>I</u>				TEMPORARY MISC. PAVEMENT MARKINGS - SHORT DURATION	87.00	100.00	517.00	193.00	<u> </u>			<u>                                     </u>	<u> </u>	<u>                                     </u>	<u> </u> 		<u>l</u>
31	7938.00		7938.00			SEQUENTIAL ARROW SIGN	1,312.00	875.00	3,062.00	2,041.00	324.00	324.00		<u>                                     </u>	<u> </u>	<u>                                     </u>	<u> </u> 		<u> </u>
32	5292.00	<u>I</u>				PORTABLE CHANGEABLE MESSAGE SIGN	875.00	583.00	2,041.00	1,361.00	216.00	216.00		<u> </u>	<u> </u>	<u>                                     </u>	<u> </u> 		<u>l</u>
-	LUMP SUM	1				OTHER TEMPORARY TRAFFIC CONTROL DEVICES	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.		<u> </u>	<u> </u>	<u> </u>	<u> </u> 		<u> </u>
34	14980.00	1	14980.00			OTHER TRAFFIC CONTROL LABOR	2,624.00	1,750.00	6,124.00	4,082.00	200.00	200.00		<u> </u>	1		<u> </u>		<u> </u>
	LUMP SUM	1				TRAFFIC CONTROL SUPERVISOR	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.			1	1 1	<u> </u>		<del></del>
	_0.VII 00IVI			0017		1					2.0.	0.		1	1	1			

GROUP	GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
LEGEND	1	005	172714	**	STATE
	2	005	172715	**	STATE
	3	005	172715	**	STATE
	4	005	172715	**	STATE

	<u> </u>	REGION STATE	FEDERAL AID PROJECT. NO.		1.5	SQ1
		10 WA			DUWAMISH RIVER TO S LUCILE ST	301
				Washington State		SHEET
		JOB NUMBER		Department of Transporta	tion CONCRETE PAVEMENT REHAB & JOINTS	4
	1	22A028/3		2 oparament or manopera		OF
		CONTRACT NO			SUMMARY OF QUANTITIES	278
DATE	REVISION BY	000000				SHEETS

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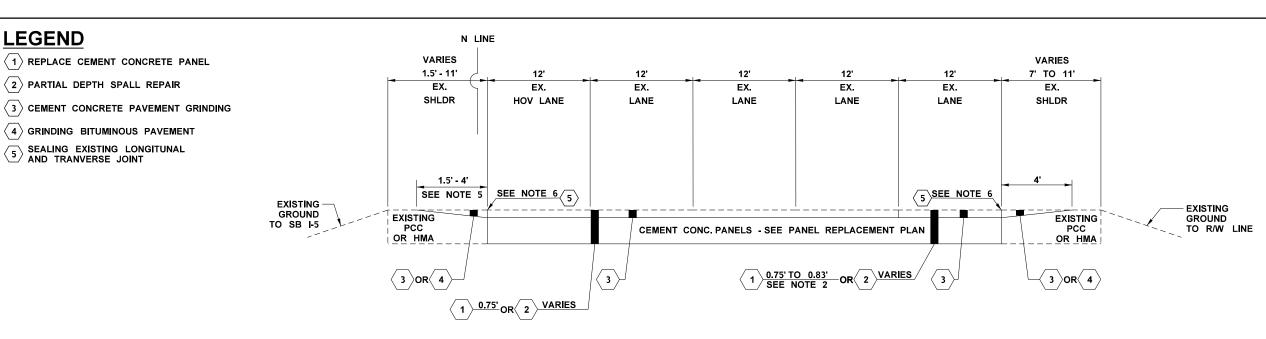
11/1/2022

## SUMMARY OF QUANTITIES

		SUB-TOTAL	SUB-TOTAL				GROUP 1	GROUP 1	GROUP 2	GROUP 2	GROUP 3	GROUP 3	GROUP 4						
ITEM NO	TOTAL QUANTITY	SECTION I-07.2(1) OF STANDARD SPECS	SECTION I-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	TO	I-5 SB S 126+68.5 TO S 205+18.4	TO	I-5 SB S 205+18.4 TO S 381+59.2	BRIDGE 5/531E	BRIDGE 5/531W	THIRD PARTY DAMAGES						
36	432.00		432.00	6982	S.F.	CONSTRUCTION SIGNS CLASS A	140.00	76.00	140.00	76.00					<u> </u>	1			
37	1800.00		1800.00	6976	HR	PATROL AND MAINTAIN TRAFFIC CONTROL MEASURES	400.00	400.00	400.00	400.00	100.00	100.00		i i		İ		i	i
38	59.00		59.00	6865	EACH	PLASTIC HOV LANE SYMBOL	6.00	9.00	26.00	18.00				İ	İ	İ		İ	i
39	977.00		977.00	6822	L.F.	PLASTIC CROSSHATCH MARKING	250.00	352.00		375.00									
														ĺ				ĺ	
						OTHER ITEMS													
40	LUMP SUM		LUMP SUM		L.S.	REFERENCING EXISTING PAVEMENT MARKINGS	L.S.	L.S.	L.S.	L.S.									
41	10000.00		10000.00	9004	DOL	PROJECT PARTNERING	2,500.00	2,500.00	2,500.00	2,500.00					1				
42	LUMP SUM		LUMP SUM	7003	L.S.	TYPE B PROGRESS SCHEDULE	L.S.	L.S.	L.S.	L.S.					1				
43	LUMP SUM		LUMP SUM	7038	L.S.	ROADWAY SURVEYING	L.S.	L.S.	L.S.	L.S.									
44	40000.00		40000.00	7715	DOL	FORCE ACCOUNT MINOR ELECTRICAL REPAIR	10,000.00	10,000.00	10,000.00	10,000.00									
45	10000.00		10000.00	7715	DOL	FORCE ACCOUNT POTHOLING UTILITIES	1,800.00	1,700.00	1,800.00	4,700.00									
46	44000.00		44000.00			ROADSIDE CLEANUP	7,200.00	6,800.00	7,200.00	18,800.00	2,000.00	2,000.00							
47	5.00		5.00	7725	DOL	REIMBURSEMENT FOR THIRD PARTY DAMAGE							5.00		1				
48	-1.00		-1.00	7728	DOL	MINOR CHANGE	-1.00								1				
49	-1.00		-1.00	7732	DOL	AGGREGATE COMPLIANCE PRICE ADJUSTMENT	-1.00								1				
50	LUMP SUM		LUMP SUM	7736	L.S.	SPCC PLAN	L.S.	L.S.	L.S.	L.S.									
51	75000.00		75000.00	7572	DOL	WORK ZONE SAFETY CONTINGENCY	18,750.00	18,750.00	18,750.00	18,750.00									
52	LUMP SUM		LUMP SUM	7405	L.S.	JUST IN TIME TRAINING	L.S.	L.S.	L.S.	L.S.									

GROUP	GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
LEGEND	1	005	172714	**	STATE
	2	005	172715	**	STATE
	3	005	172715	**	STATE
	4	005	172715	**	STATE

	R	REGION	STATE FEDERAL AID PROJECT. NO.		l E	SQ2
		10	WA		C-I	JQZ
		.0		Washington State	DUWAMISH RIVER TO S LUCILE ST	SHEET
		JOB NUM		Department of Transportation	CONCRETE PAVEMENT REHAB & JOINTS	5
		22A02	28/3	_ op		- OF
		CONTRA	CT NO		SUMMARY OF QUANTITIES	278
DATE REVISION	BY	0000	000			SHEETS



#### **ROADWAY SECTION 1 - NORTHBOUND**

MAINLINE STA N 116+47 TO STA N 416+83 NOT TO SCALE

C	GRINDING BITUMINOUS PAVEMENT AND CEMENT CONCRETE GRINDING LOCATIONS											
BEGIN STATION	END STATION	LT EDGELIN	E/SHOULDER	BEGIN STATION	END STATION	RT EDGE	RT EDGELINE/SHOULDER					
(N LINE)	(N LINE)	4' WIDTH?	SURFACE	(N LINE)	(N LINE)	4' WIDTH?	SURFACE					
116+47	128+08	GREATER	PCC	116+47	159+26	GREATER	PCC					
128+08	158+43	LESS	PCC	159+26	210+49	SEE S	HEET RS2					
158+43	181+26	GREATER	PCC	210+49	212+55	GREATER	PCC AND HMA					
181+26	184+65	LESS	PCC	212+55	335+07	GREATER	PCC					
184+65	192+97	GREATER	PCC	335+07	335+14	GREATER	PCC AND HMA					
192+97	193+50	LESS	PCC	335+14	335+30	SEE S	SHEET RS3					
193+50	196+14	GREATER	PCC	335+14	416+83	SEE S	SHEET RS3					
196+14	197+50	LESS	PCC									
197+50	208+46	GREATER	PCC									
208+46	335+14	GREATER	HMA									
335+14	395+30	SEE SHE	ET RS3									
395+30	416+83	GREATER	PCC									

#### **GENERAL NOTES**

**LEGEND** 

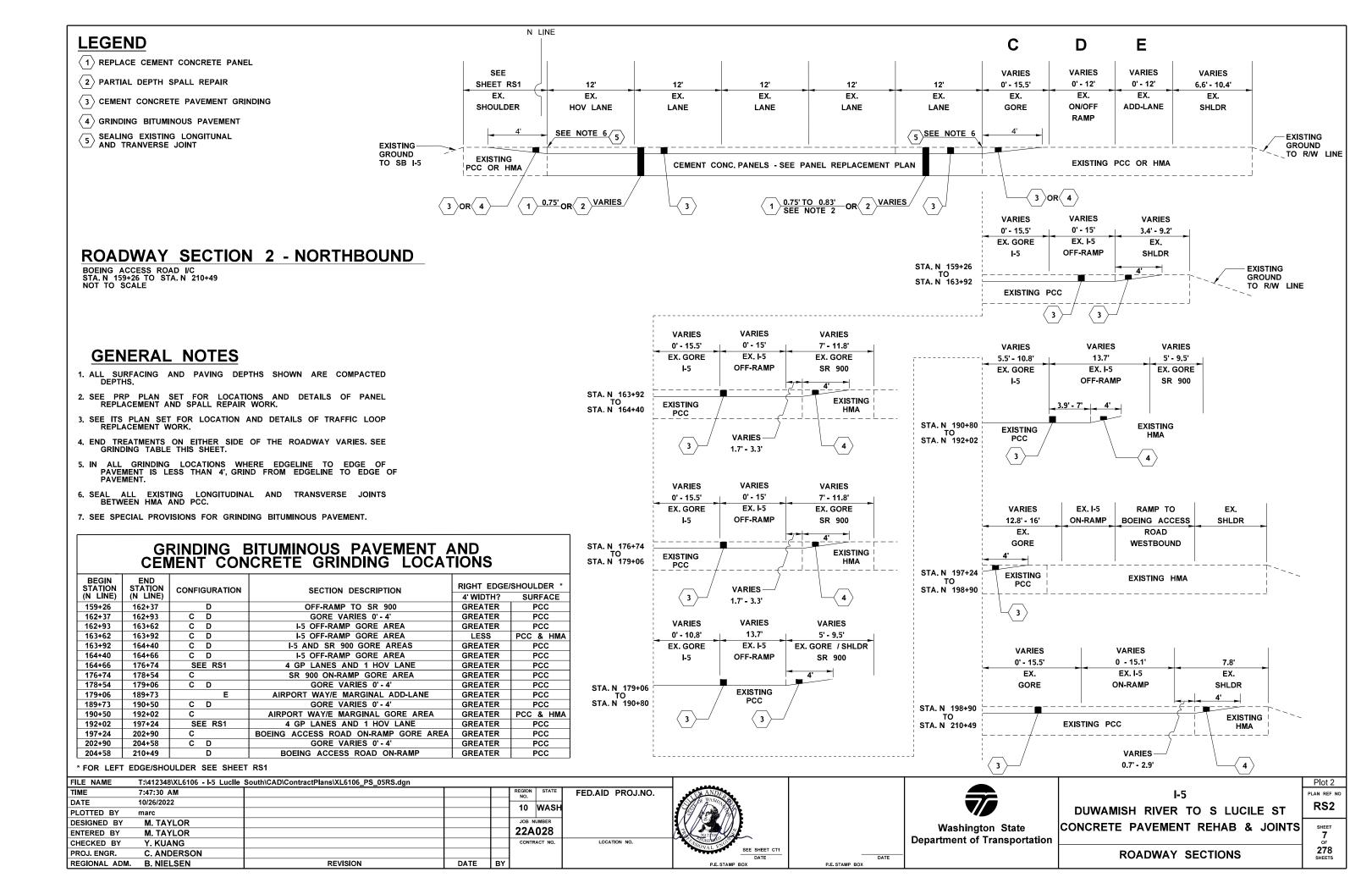
(1) REPLACE CEMENT CONCRETE PANEL

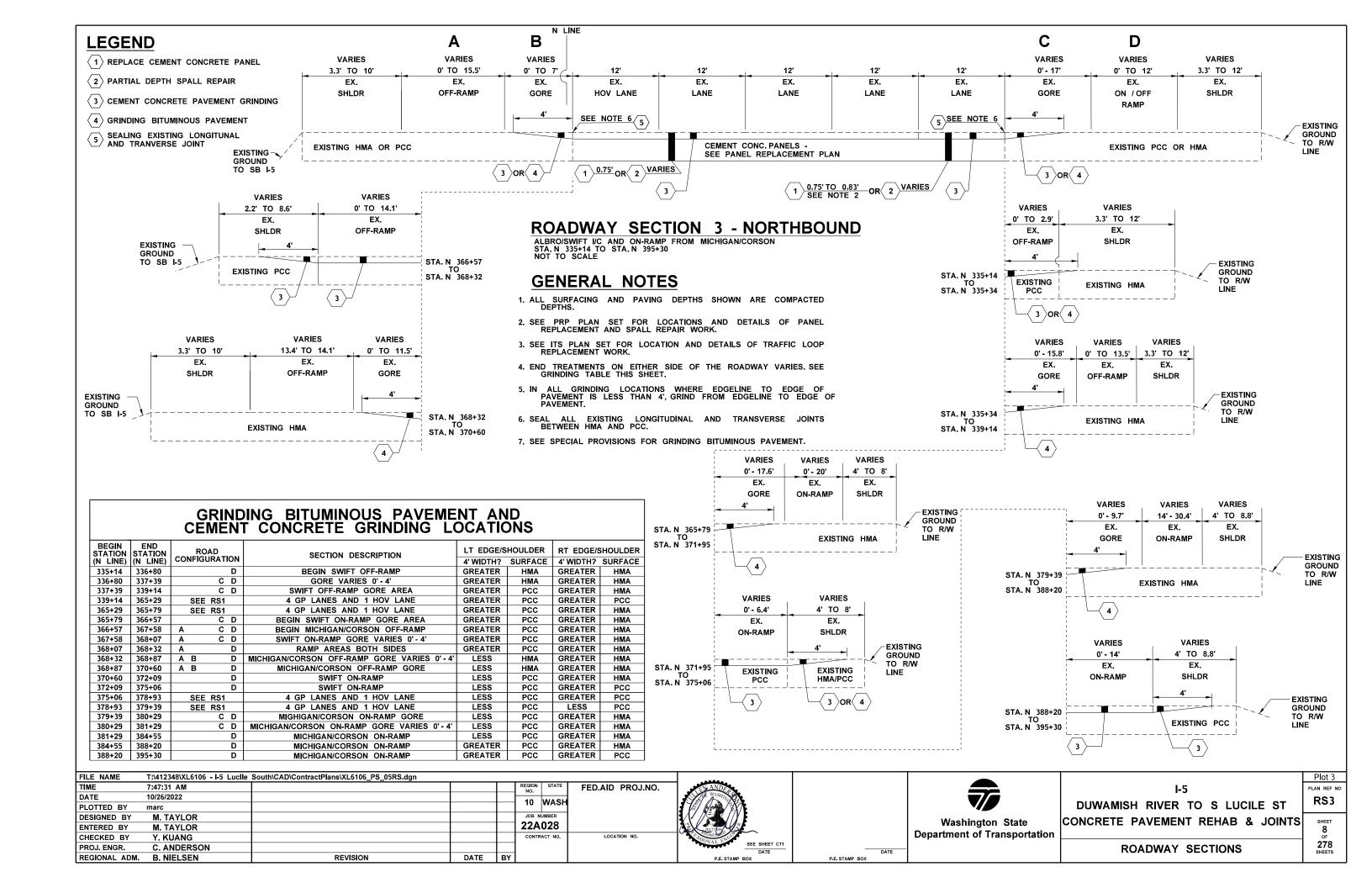
2 PARTIAL DEPTH SPALL REPAIR

4 GRINDING BITUMINOUS PAVEMENT SEALING EXISTING LONGITUNAL AND TRANVERSE JOINT

- 1. ALL SURFACING AND PAVING DEPTHS SHOWN ARE COMPACTED DEPTHS.
- 2. SEE PRP PLAN SET FOR LOCATIONS AND DETAILS OF PANEL REPLACEMENT AND SPALL REPAIR WORK.
- 3. SEE ITS PLAN SET FOR LOCATION AND DETAILS OF TRAFFIC LOOP REPLACEMENT WORK.
- 4. END TREATMENTS ON EITHER SIDE OF THE ROADWAY VARIES. SEE GRINDING TABLE THIS SHEET.
- 5. IN ALL GRINDING LOCATIONS WHERE EDGELINE TO EDGE OF PAVEMENT IS LESS THAN 4', GRIND FROM EDGELINE TO EDGE OF PAVEMENT.
- 6. SEAL ALL EXISTING LONGITUDINAL AND TRANSVERSE JOINTS BETWEEN HMA AND PCC.
- 7. SEE SPECIAL PROVISIONS FOR GRINDING BITUMINOUS PAVEMENT.

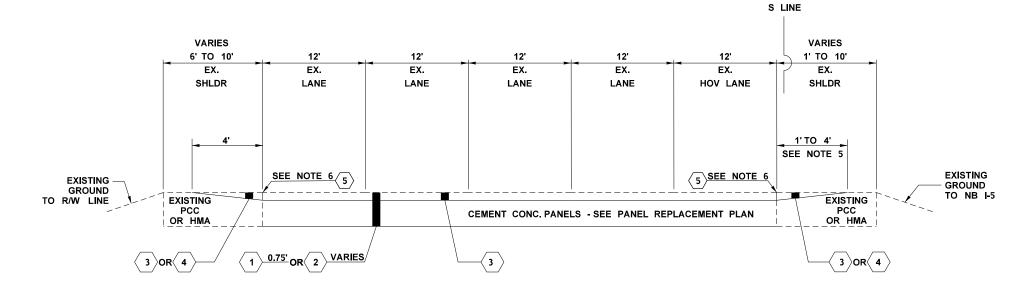
FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_05RS.dgn								Plot 1
TIME	7:47:29 AM			REGION STATE	FED.AID PROJ.NO.	(MANDED			I-5	PLAN REF NO
DATE	10/26/2022			10 WASH		ASHIN WASHING				RS1
PLOTTED BY	marc			I IU WASH					DUWAMISH RIVER TO S LUCILE ST	1.01
DESIGNED BY	M. TAYLOR			JOB NUMBER				Washington State	CONCRETE PAVEMENT REHAB & JOINTS	SHEET
ENTERED BY	M. TAYLOR			22A028		20122109		, ,	CONCRETE PAVEIMENT RETIAD & JOINTS	6
CHECKED BY	Y. KUANG			CONTRACT NO.	LOCATION NO.	SSIONAL ENGINEERS		Department of Transportation		OF OF
PROJ. ENGR.	C. ANDERSON					SEE SHEET CT1	- DATE	_	ROADWAY SECTIONS	278 SHEETS
REGIONAL ADM	R NIFI SEN	REVISION	DATE	BY		DE STAMP POY	DE STAMP POY		1.07.21.7.1 020110110	SHEETS







- (1) REPLACE CEMENT CONCRETE PANEL
- 2 PARTIAL DEPTH SPALL REPAIR
- (3) CEMENT CONCRETE PAVEMENT GRINDING
- 4 GRINDING BITUMINOUS PAVEMENT
- SEALING EXISTING LONGITUNAL AND TRANVERSE JOINT



#### **ROADWAY SECTION 4 - SOUTHBOUND**

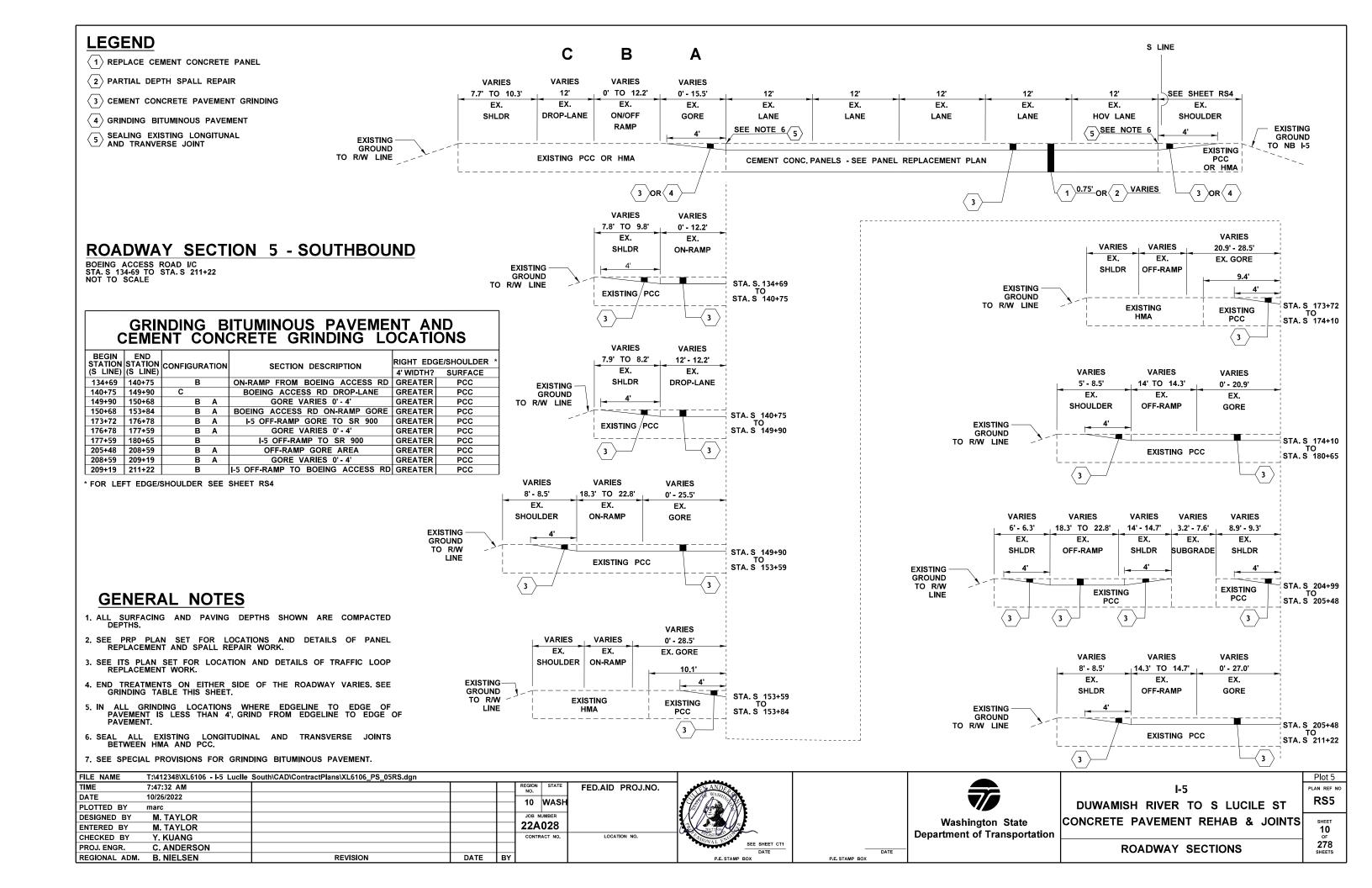
MAINLINE STA S 126+69 TO STA S 381+59 NOT TO SCALE

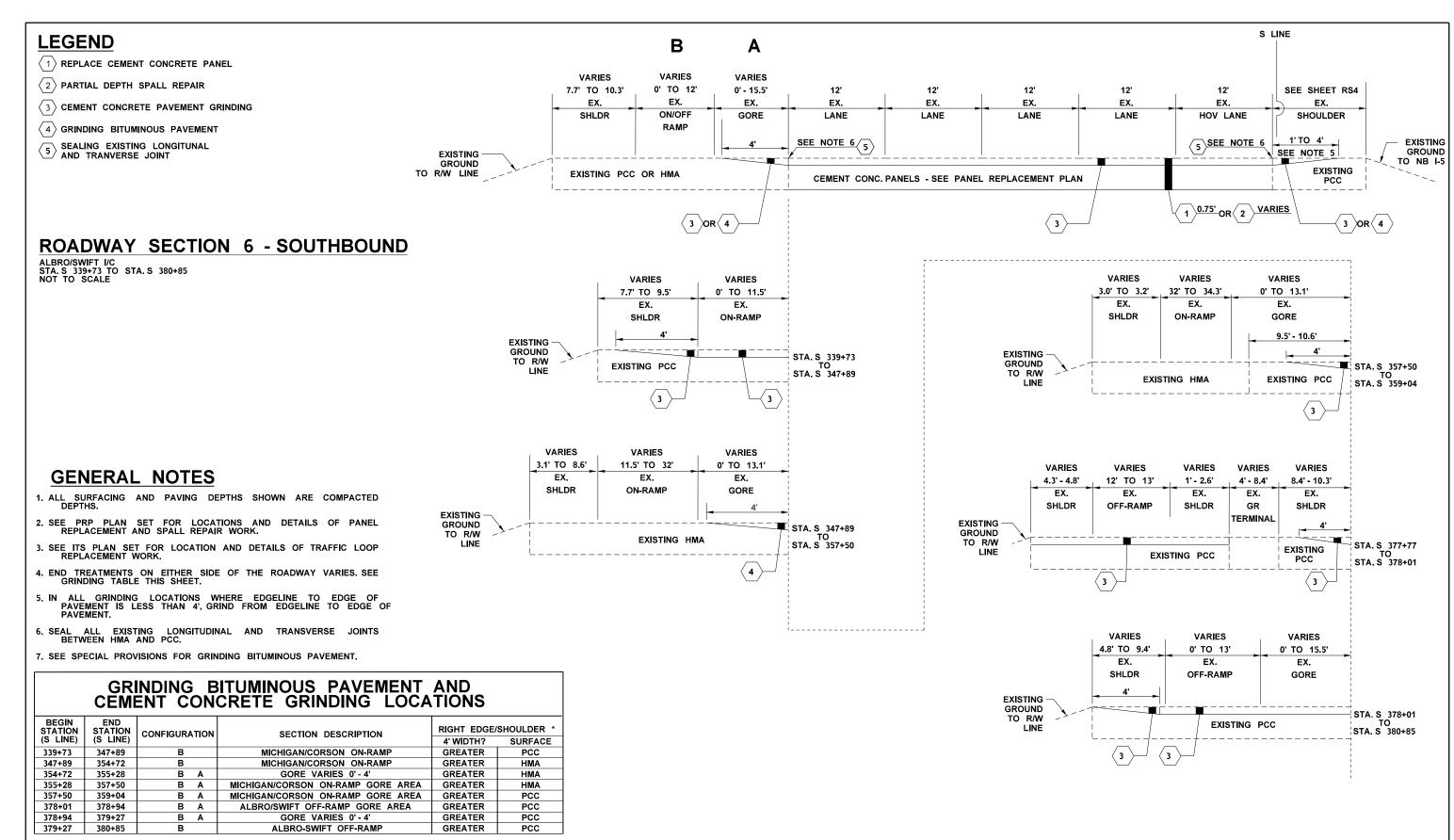
C	GRINDING BITUMINOUS PAVEMENT AND CEMENT CONCRETE GRINDING LOCATIONS										
BEGIN STATION	END STATION	STATION LT EDGELINE/SHOULDER STATION	END STATION	RT EDGELINE/SHOULDER							
(S LINE)	(S LINE)	4' WIDTH?	SURFACE	(S LINE)	(S LINE)	4' WIDTH?	SURFACE				
126+69	153+58	GREATER	PCC	126+69	134+69	GREATER	PCC				
153+58	154+00	LESS	PCC	134+69	153+84	SEE SI	HEET RS5				
154+00	192+33	GREATER	PCC	153+84	173+72	GREATER	PCC				
192+33	192+70	LESS	PCC	173+72	180+65	SEE SI	HEET RS5				
192+70	195+40	GREATER	PCC	180+65	205+48	GREATER	PCC				
195+40	196+75	LESS	PCC	205+48	211+22	SEE SI	HEET RS5				
196+75	356+29	GREATER	PCC	211+22	347+89	GREATER	PCC				
356+29	372+02	LESS	PCC	347+89	361+20	SEE SI	HEET RS6				
372+02	381+59	GREATER	PCC	361+20	378+01	GREATER	PCC				
				378+01	380+85	SEE SI	HEET RS6				
				380+85	381+59	GREATER	PCC				

#### **GENERAL NOTES**

- 1. ALL SURFACING AND PAVING DEPTHS SHOWN ARE COMPACTED DEPTHS.
- SEE PRP PLAN SET FOR LOCATIONS AND DETAILS OF PANEL REPLACEMENT AND SPALL REPAIR WORK.
- 3. SEE ITS PLAN SET FOR LOCATION AND DETAILS OF TRAFFIC LOOP REPLACEMENT WORK.
- 4. END TREATMENTS ON EITHER SIDE OF THE ROADWAY VARIES. SEE GRINDING TABLE THIS SHEET.
- 5. IN ALL GRINDING LOCATIONS WHERE EDGELINE TO EDGE OF PAVEMENT IS LESS THAN 4', GRIND FROM EDGELINE TO EDGE OF PAVEMENT.
- 6. SEAL ALL EXISTING LONGITUDINAL AND TRANSVERSE JOINTS BETWEEN HMA AND PCC.
- 7. SEE SPECIAL PROVISIONS FOR GRINDING BITUMINOUS PAVEMENT.

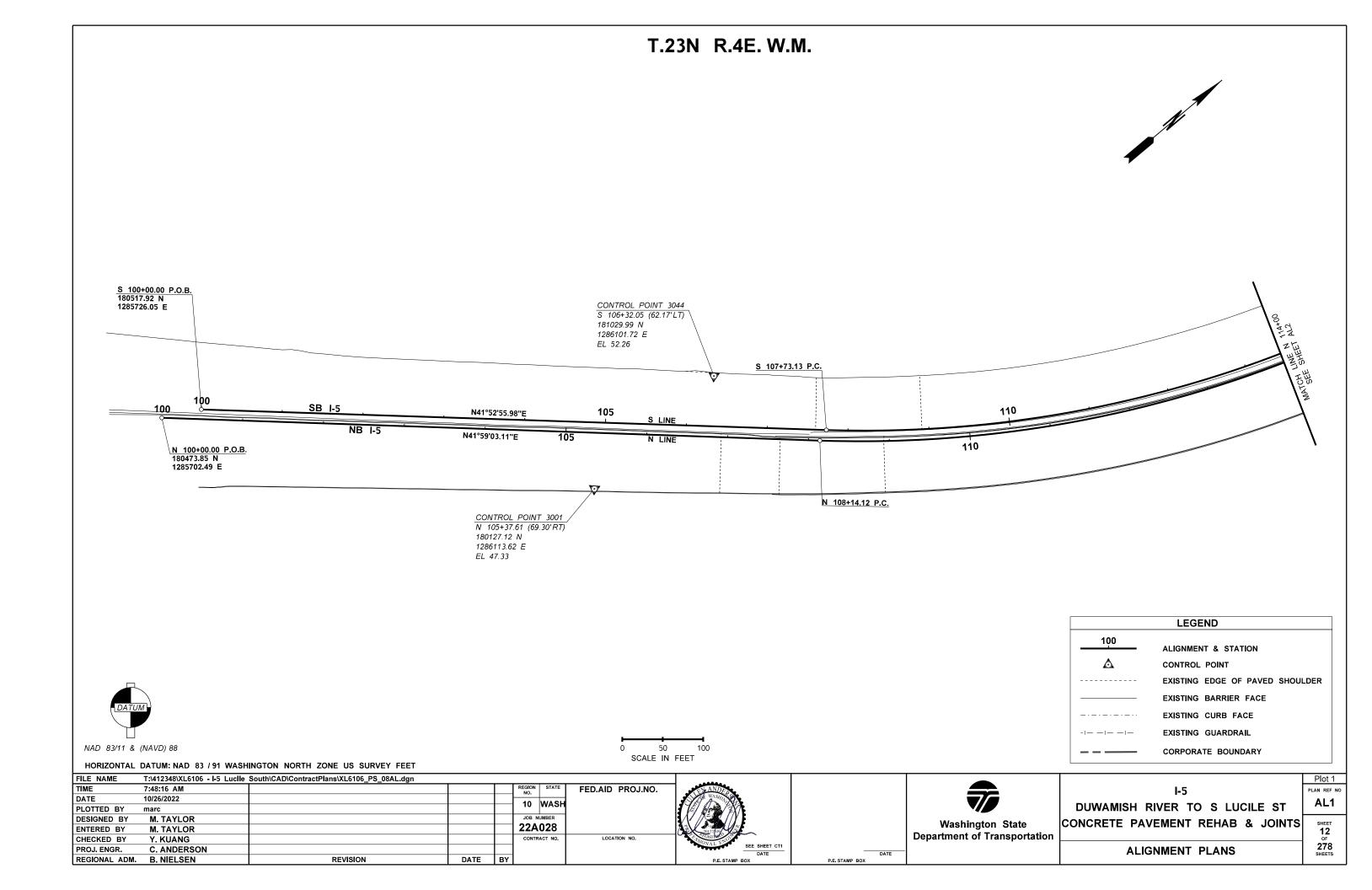
FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_05RS.dgn								Plot 4
TIME	7:47:31 AM			REGION STATE	FED.AID PROJ.NO.	ANDED			I-5	PLAN REF NO
DATE	10/26/2022			10 WASH		A WASHING				RS4
PLOTTED BY	marc			I IU WASH					DUWAMISH RIVER TO S LUCILE ST	1104
DESIGNED BY	M. TAYLOR			JOB NUMBER				Washington State	CONCRETE PAVEMENT REHAB & JOINTS	SHEET
ENTERED BY	M. TAYLOR			22A028		20122109		, ,		9
CHECKED BY	Y. KUANG			CONTRACT NO.	LOCATION NO.	SSIONAL ENGINE		Department of Transportation		OF_
PROJ. ENGR.	C. ANDERSON					SEE SHEET CT1	- DATE	_	ROADWAY SECTIONS	278 SHEETS
REGIONAL ADM	R NIFLSEN	REVISION	DATE	RY		DE STAMP POY	DE STAMP POY		1.07.51 020	SHEETS

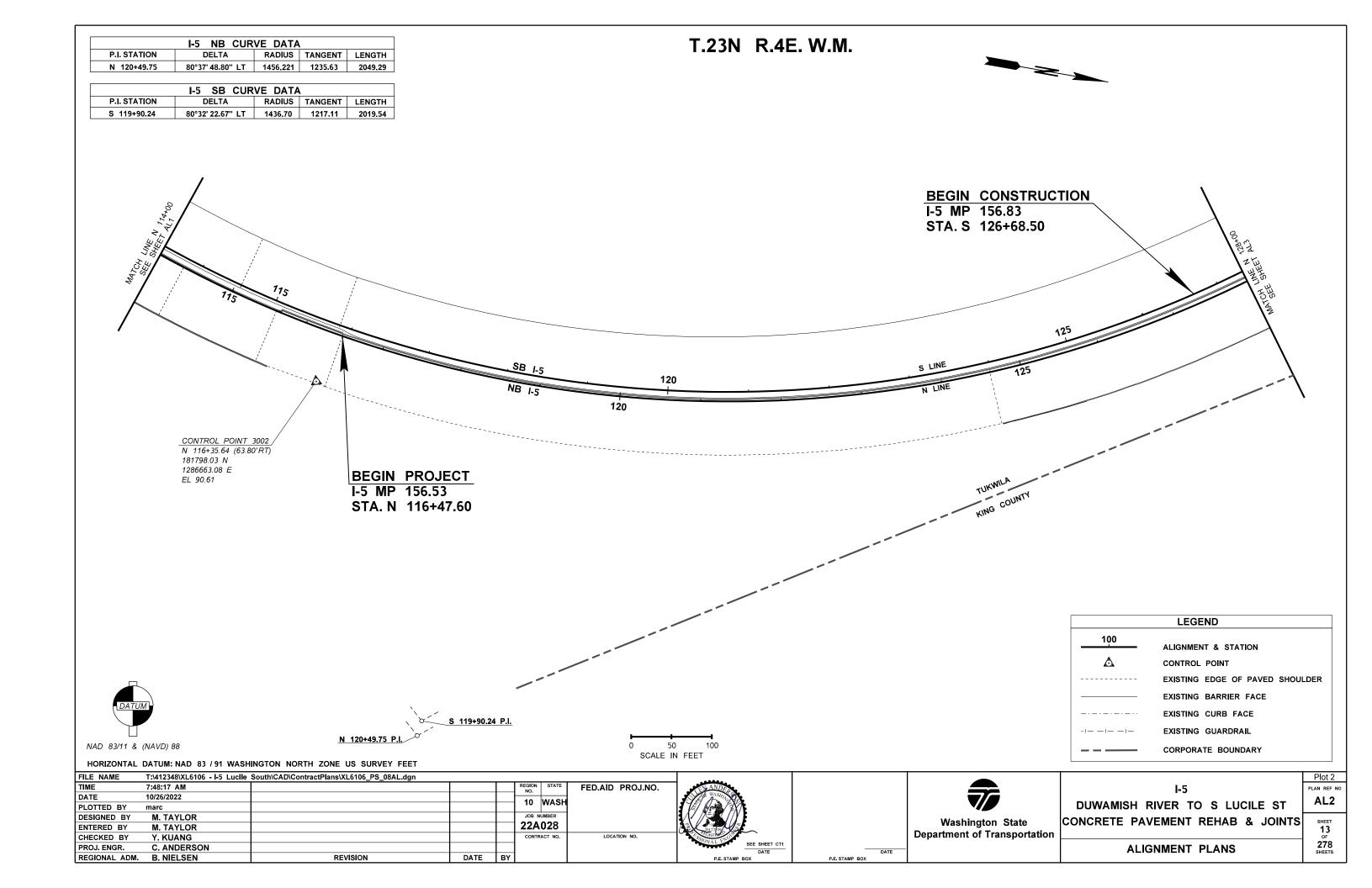


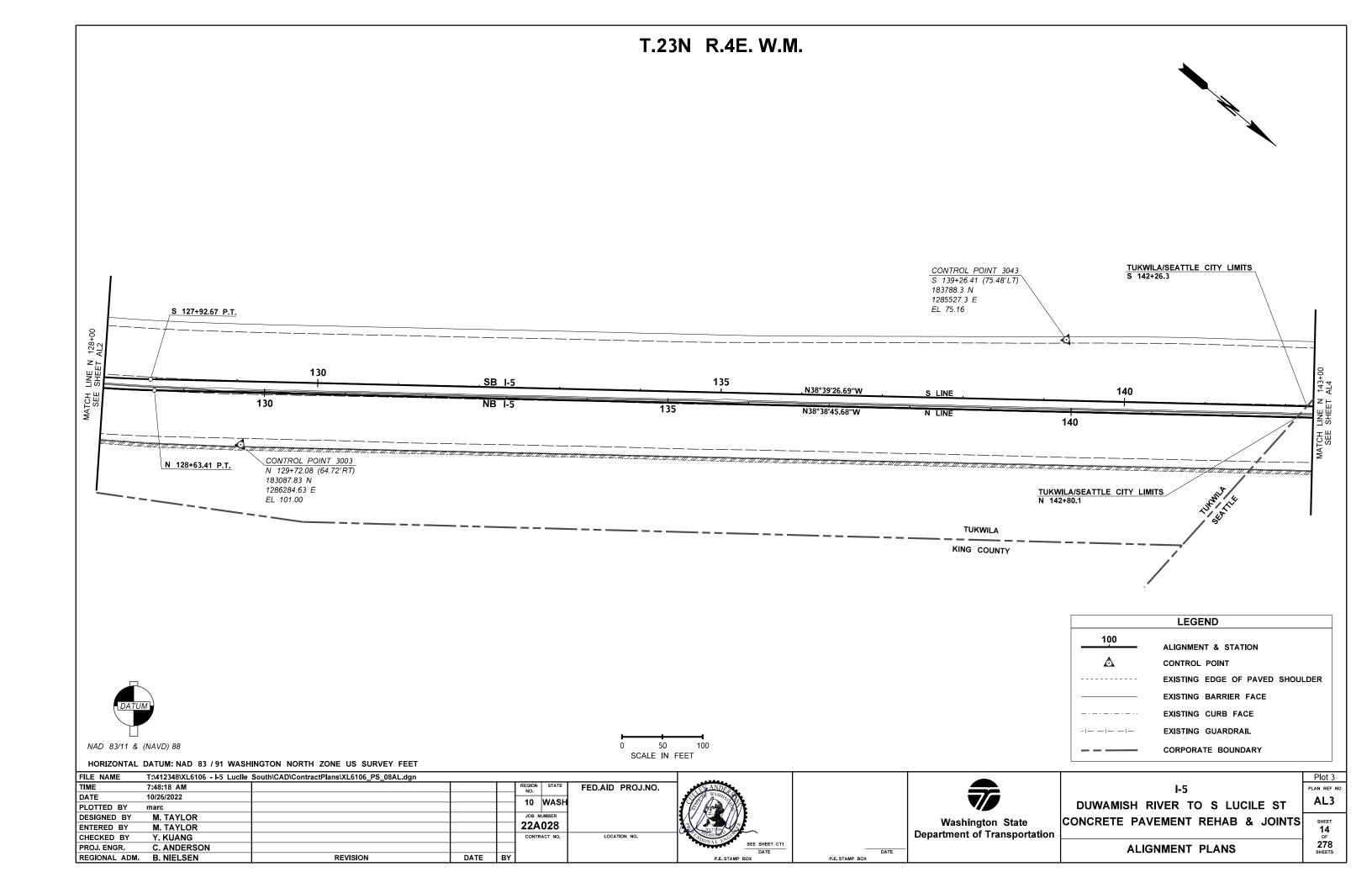


* FOR LEFT EDGE/SHOULDER SEE SHEET I
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FILE NAME	T:\412348\XL6106 - I-5 Luclle South\CAD\ContractPlans\XL6106_PS_05RS.dgn									Plot 6
TIME	7:47:32 AM		R	REGION STATE	FED.AID PROJ.NO.	ANDED			l-5	PLAN REF NO
DATE	10/26/2022			10 WASH		A SHIP OF THE SHIP				RS6
PLOTTED BY	marc			IU WASH		11 V/ H XXX			DUWAMISH RIVER TO S LUCILE ST	1.00
DESIGNED BY	M. TAYLOR			JOB NUMBER				Washington State	CONCRETE PAVEMENT REHAB & JOINTS	SHEET
ENTERED BY	M. TAYLOR		2	22A028		20122 (09)		_		11
CHECKED BY	Y. KUANG			CONTRACT NO.	LOCATION NO.	STONAL EST		Department of Transportation		OF
PROJ. ENGR.	C. ANDERSON					SEE SHEET CT1	DATE	-	ROADWAY SECTIONS	278 SHEETS
REGIONAL ADM	R NIFLSEN REVISION	DATE	BV			DE STAND DOX	DE STAND BOY		1	SHEETS





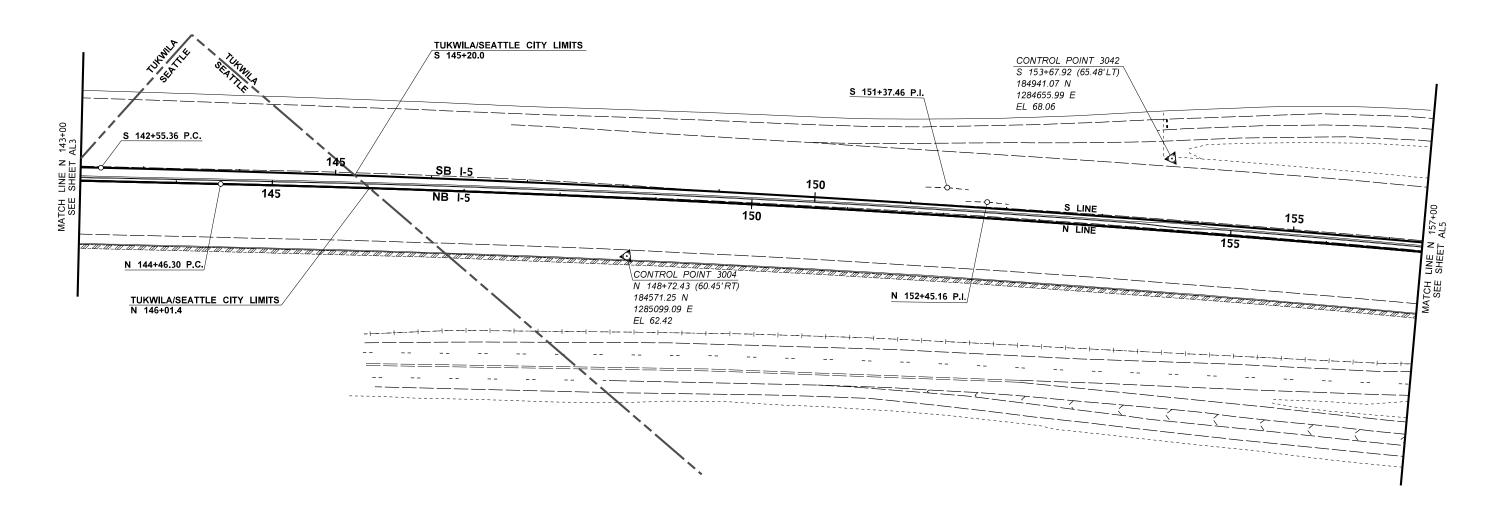




	I-5 SB CURVE DATA										
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH							
S 151+37.46	4°49' 54.35" RT	20907.75	882.10	1763.15							









NAD 83/11 & (NAVD) 88

0 50 100 SCALE IN FEET

LEGEND								
100	ALIGNMENT & STATION							
$\triangle$	CONTROL POINT							
	EXISTING EDGE OF PAVED SHOULDER							
	EXISTING BARRIER FACE							
	EXISTING CURB FACE							
	EXISTING GUARDRAIL							
	CORPORATE BOUNDARY							

HORIZONTAL	DATUM: NAD	83 / 91	WASHINGTON	NORTH	ZONE US	SURVEY	FEET
EILE NAME	T-\412348\YI 6	106 - L5	Lucile South\CA	D\Contrac	tPlane\YI 61	UE DS USVI	dan

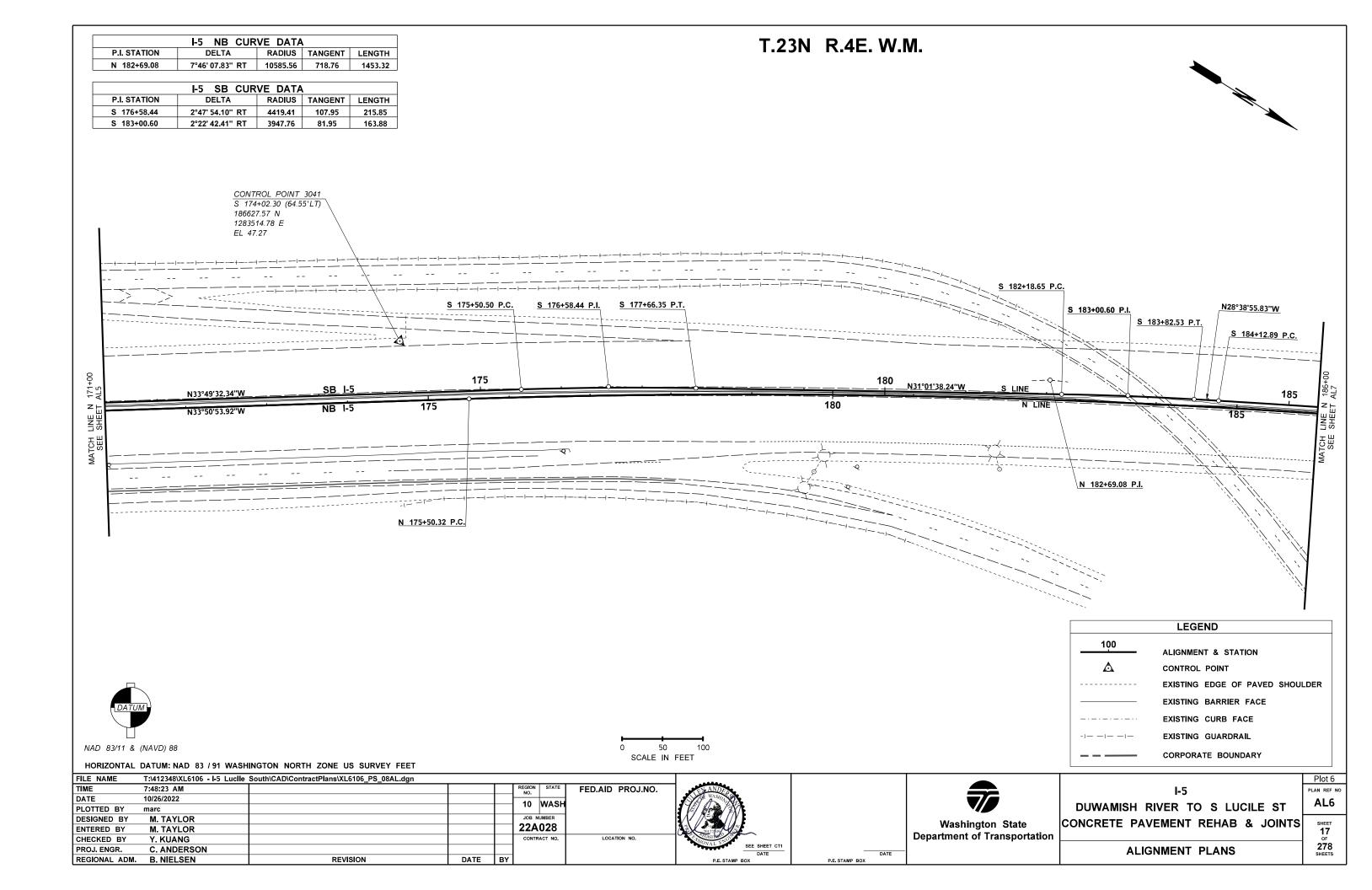
FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_08AL.dgn						
TIME	7:48:20 AM				REGION NO.	STATE	FED.AID PROJ.NO.	. [
DATE	10/26/2022					WASH		
PLOTTED BY	marc				'0	WASH		137
DESIGNED BY	M. TAYLOR				JOB N			
ENTERED BY	M. TAYLOR				22A	028		1
CHECKED BY	Y. KUANG				CONTR	ACT NO.	LOCATION NO.	ر م
PROJ. ENGR.	C. ANDERSON							
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY				

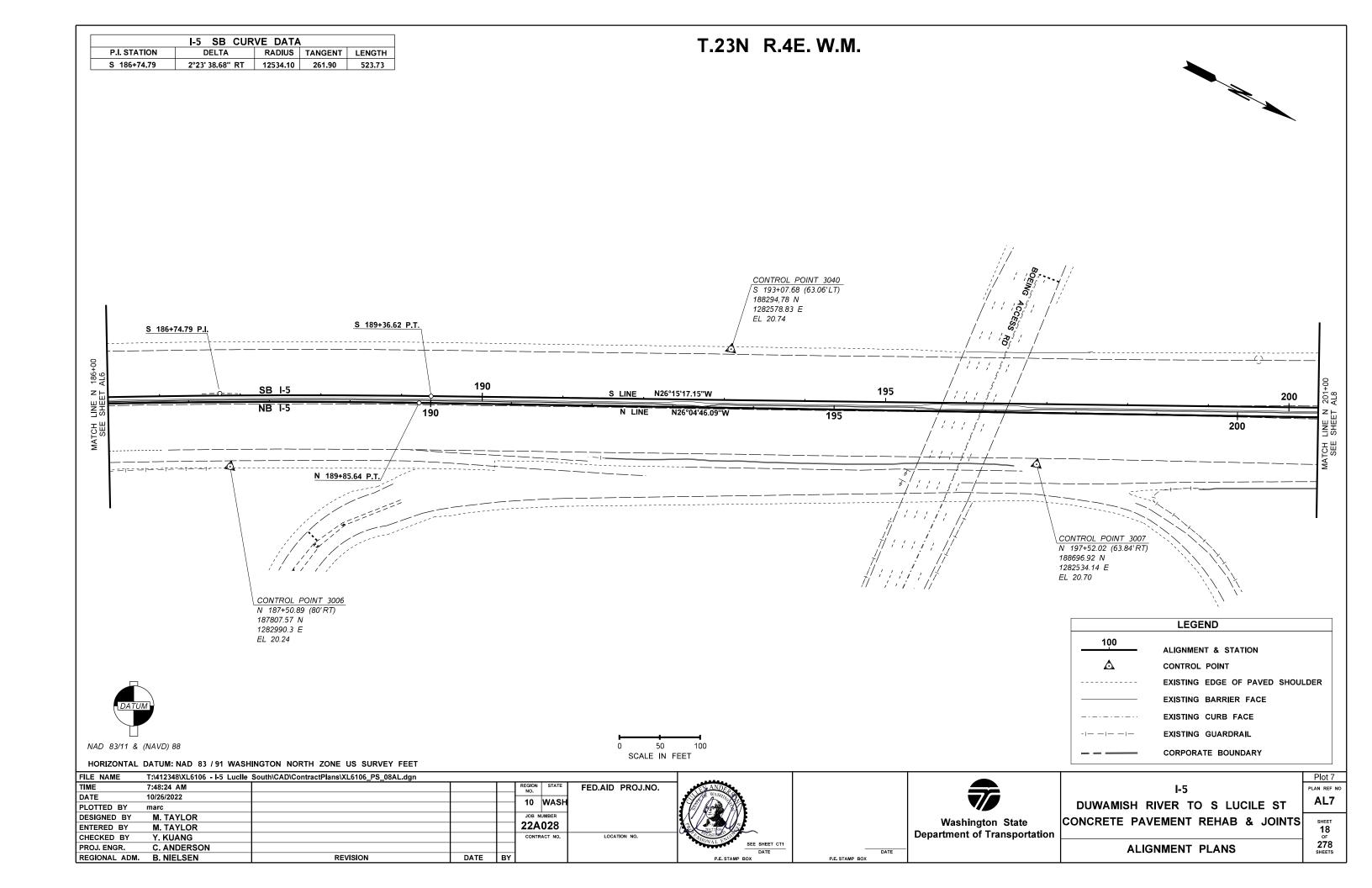


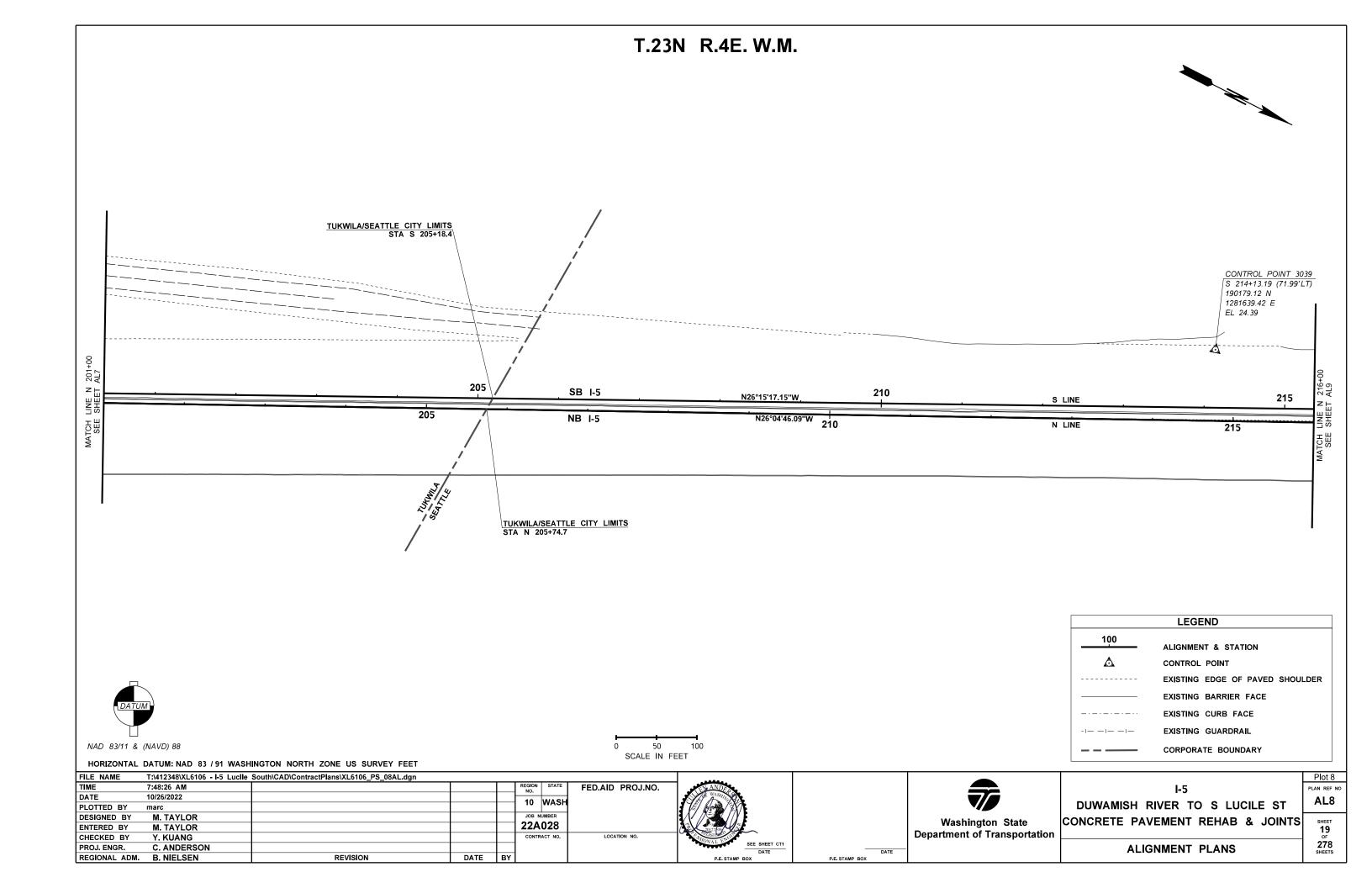
Washington State Department of Transportation	С
Department of Transportation	Н

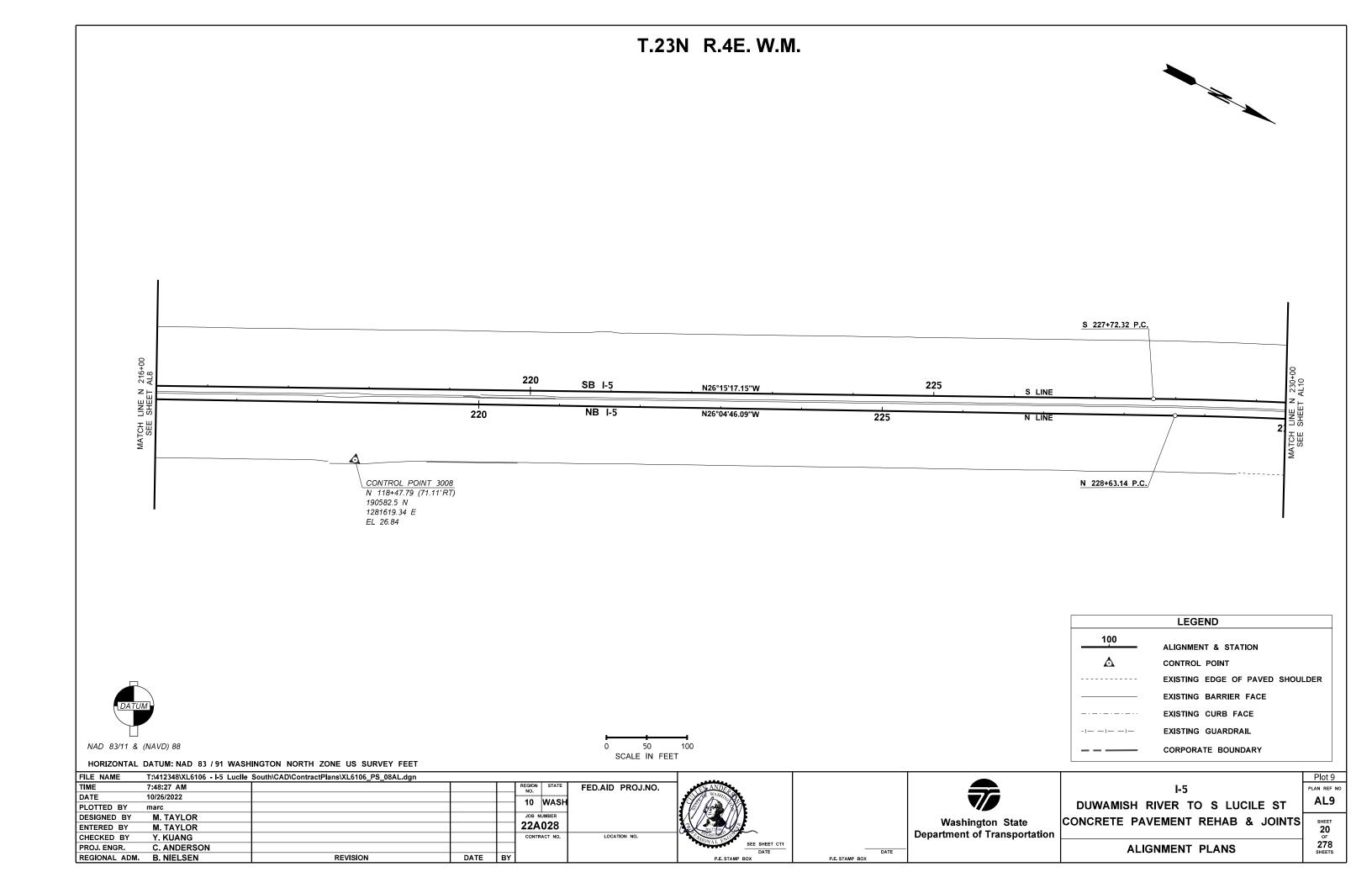
	Plot 4
I-5	PLAN REF NO
DUWAMISH RIVER TO S LUCILE ST	AL4
CONCRETE PAVEMENT REHAB & JOINTS	SHEET <b>15</b> OF
ALIGNMENT PLANS	278 SHEETS

#### T.23N R.4E. W.M. S 160+18.51 P.T. 170 N33°49'32.34"W 160/ N 160+43.09 P.T. CONTROL POINT 3005 N 164+32.82 (65.30'RT) 185846.25 N 1284206.72 E EL 68.24 LEGEND 100 ALIGNMENT & STATION $\triangle$ CONTROL POINT EXISTING EDGE OF PAVED SHOULDER EXISTING BARRIER FACE EXISTING CURB FACE EXISTING GUARDRAIL CORPORATE BOUNDARY SCALE IN FEET HORIZONTAL DATUM: NAD 83 / 91 WASHINGTON NORTH ZONE US SURVEY FEET FILE NAME T:\412348\XL6106 - I-5 Lucile South\CAD\ContractPlans\XL6106\_PS\_08AL.dgn Plot 5 FED.AID PROJ.NO. 7:48:21 AM I-5 DATE 10/26/2022 AL5 10 WASH DUWAMISH RIVER TO S LUCILE ST PLOTTED BY marc DESIGNED BY M. TAYLOR Washington State Department of Transportation CONCRETE PAVEMENT REHAB & JOINTS 16 22A028 ENTERED BY M. TAYLOR CHECKED BY Y. KUANG LOCATION NO. 278 SHEETS C. ANDERSON PROJ. ENGR. ALIGNMENT PLANS REGIONAL ADM. B. NIELSEN REVISION DATE BY



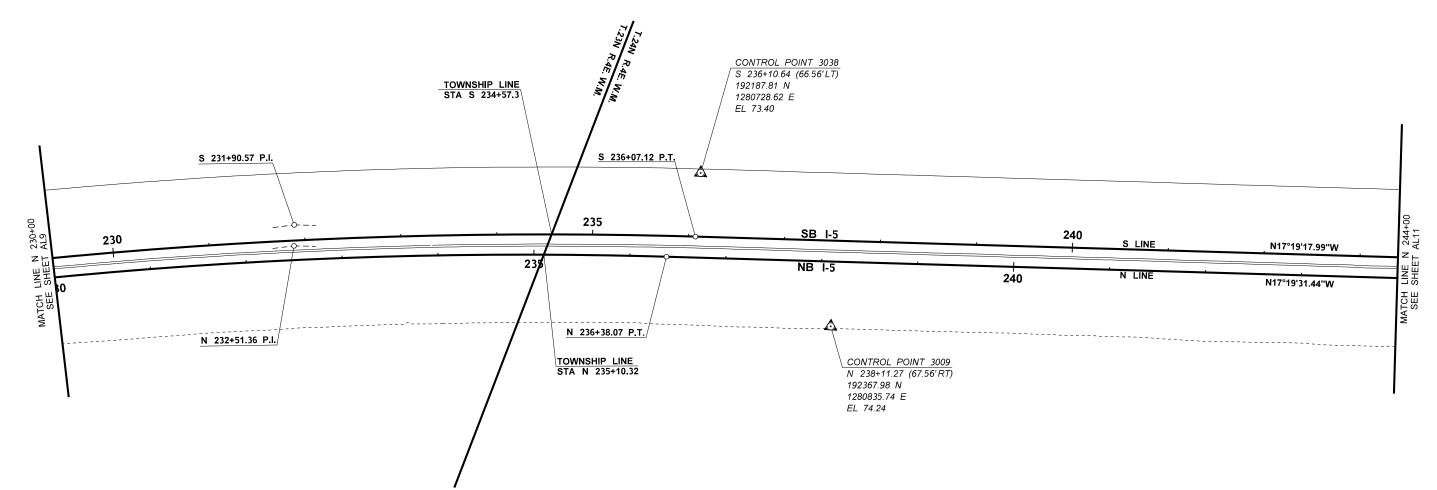






I. STATION 232+51.36	DELTA 8°45' 14.65" RT	RADIUS	TANGENT	LENGTH
232+51.36	8°45' 14.65" RT	E070.00		
		5072.00	388.22	774.94
I. STATION	DELTA	RADIUS	TANGENT	LENGTH
	I-5 SB CUR	VE DATA		
				834,81
231+90.57	8°55' 59.16" RT	5354.35	418.25	834.8







VAD OSITI & (IVAVD) OO

HORIZONTAL DATUM: NAD 83 / 91 WASHINGTON NORTH ZONE US SURVEY FEET

FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_08AL.dgn						
TIME	7:48:29 AM				REGION NO.	STATE	FED.AID PROJ.NO.	ی ا
DATE	10/26/2022					WASH		
PLOTTED BY	marc				''	WASH		19
DESIGNED BY	M. TAYLOR					UMBER		$\mathbb{N}$
ENTERED BY	M. TAYLOR				22A	028		
CHECKED BY	Y. KUANG				CONTR	ACT NO.	LOCATION NO.	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
PROJ. ENGR.	C. ANDERSON							
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY				



50 1 SCALE IN FEET

Washington State
Department of Transportation

DATE

I-5
DUWAMISH RIVER TO S LUCILE ST
CONCRETE PAVEMENT REHAB & JOINTS
ALIGNMENT PLANS

LEGEND

CONTROL POINT

ALIGNMENT & STATION

EXISTING BARRIER FACE
EXISTING CURB FACE
EXISTING GUARDRAIL

CORPORATE BOUNDARY

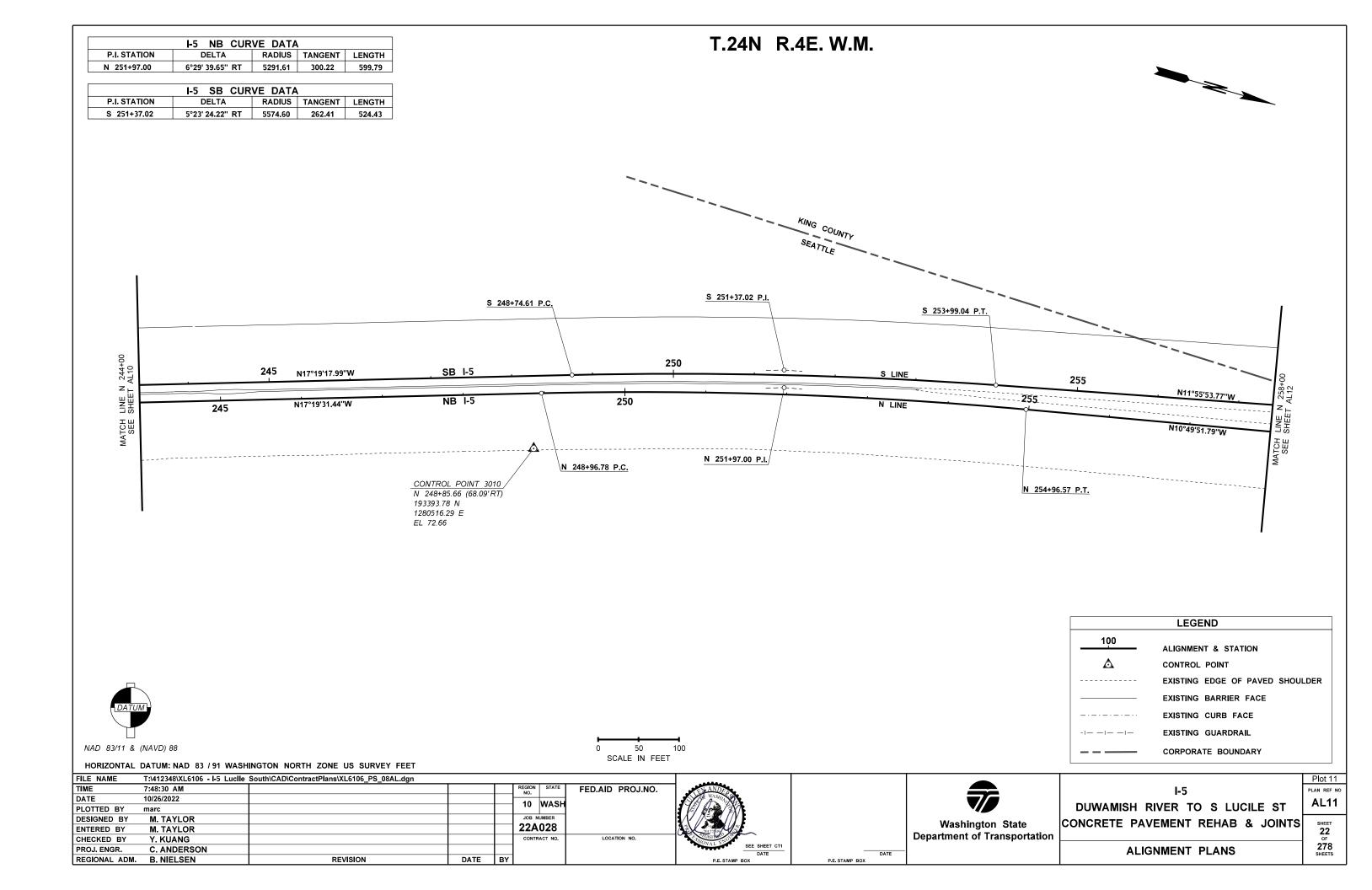
EXISTING EDGE OF PAVED SHOULDER

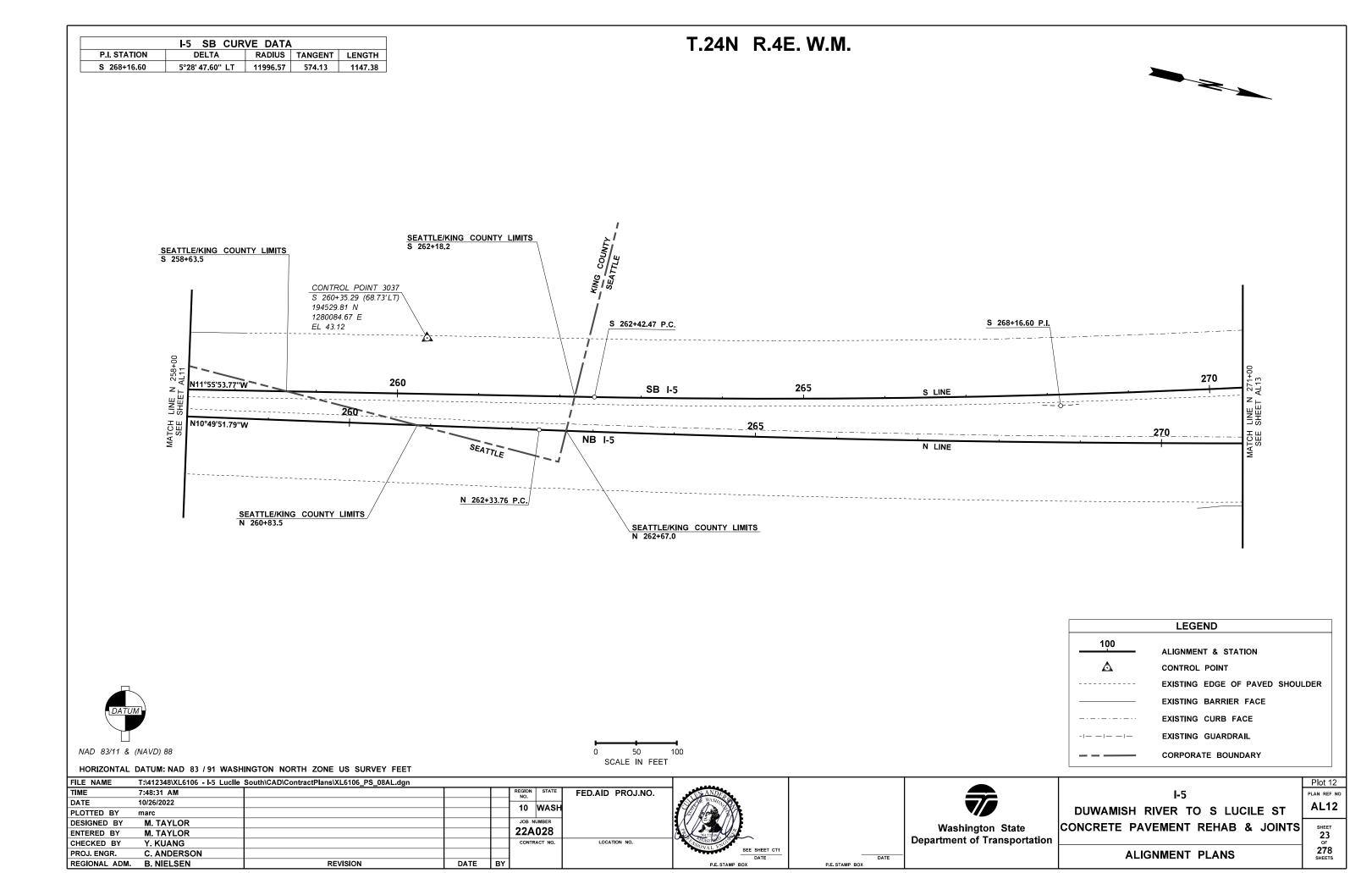
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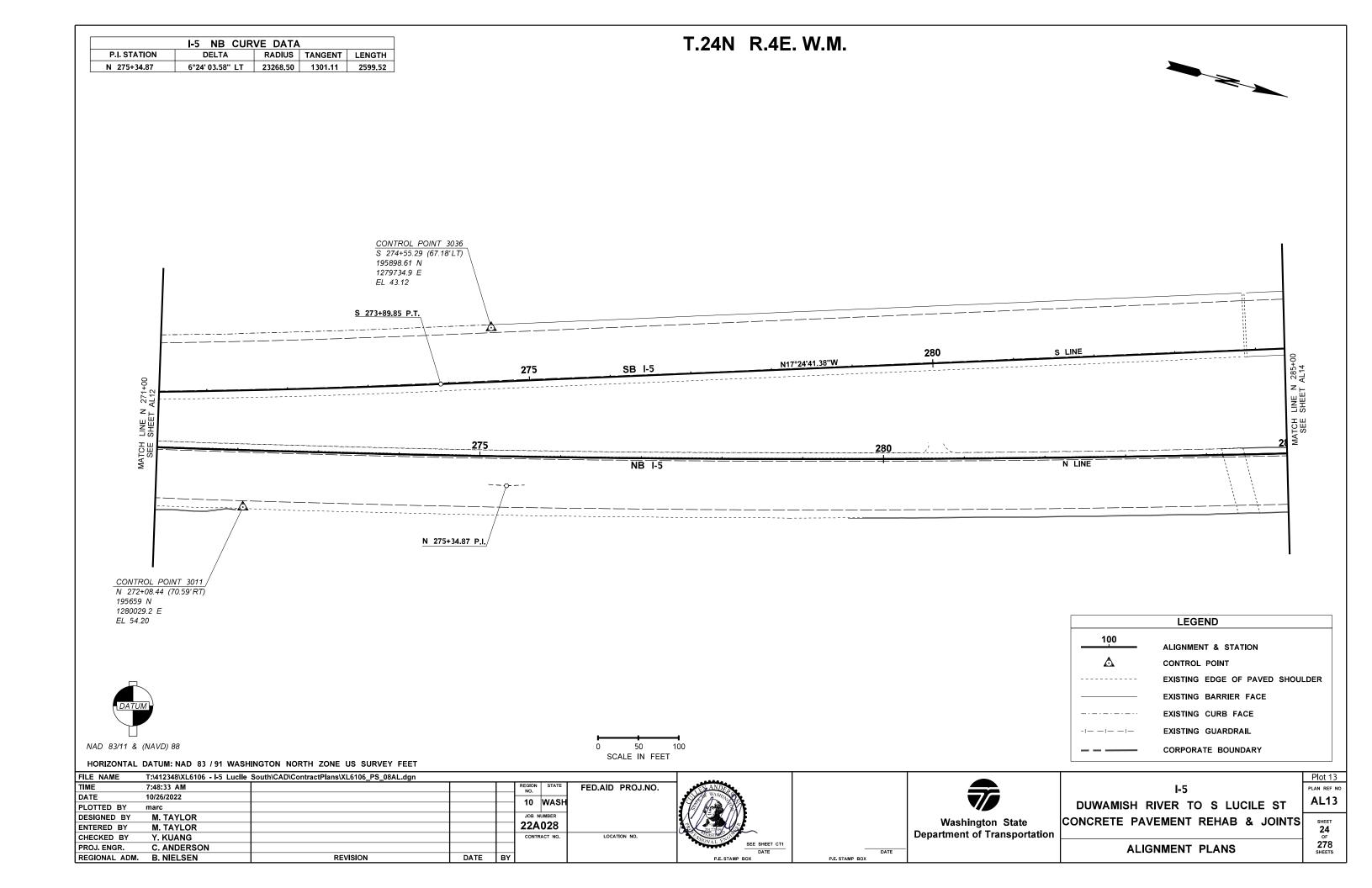
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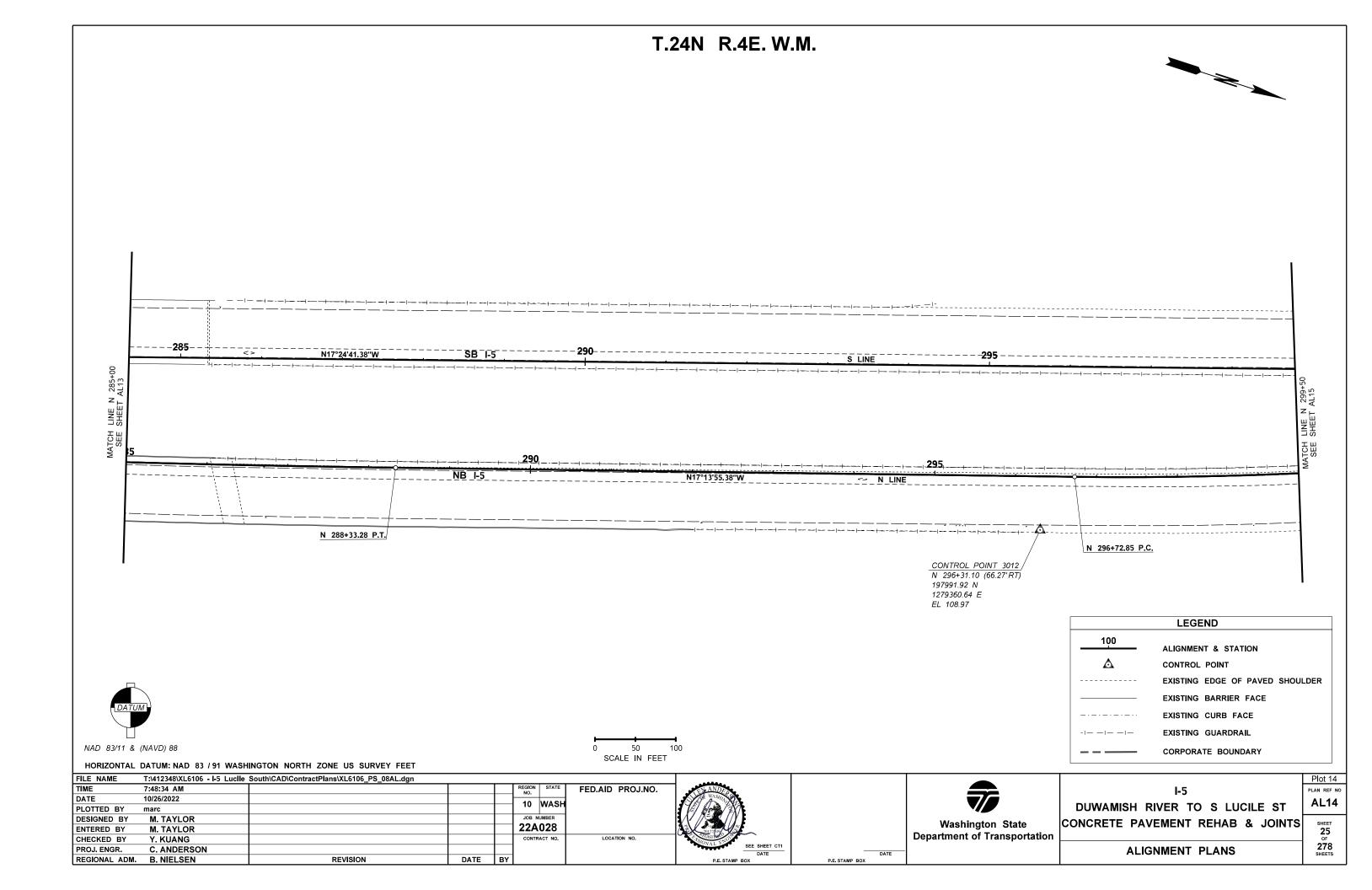
Plot 10
PLAN REF NO
AL10

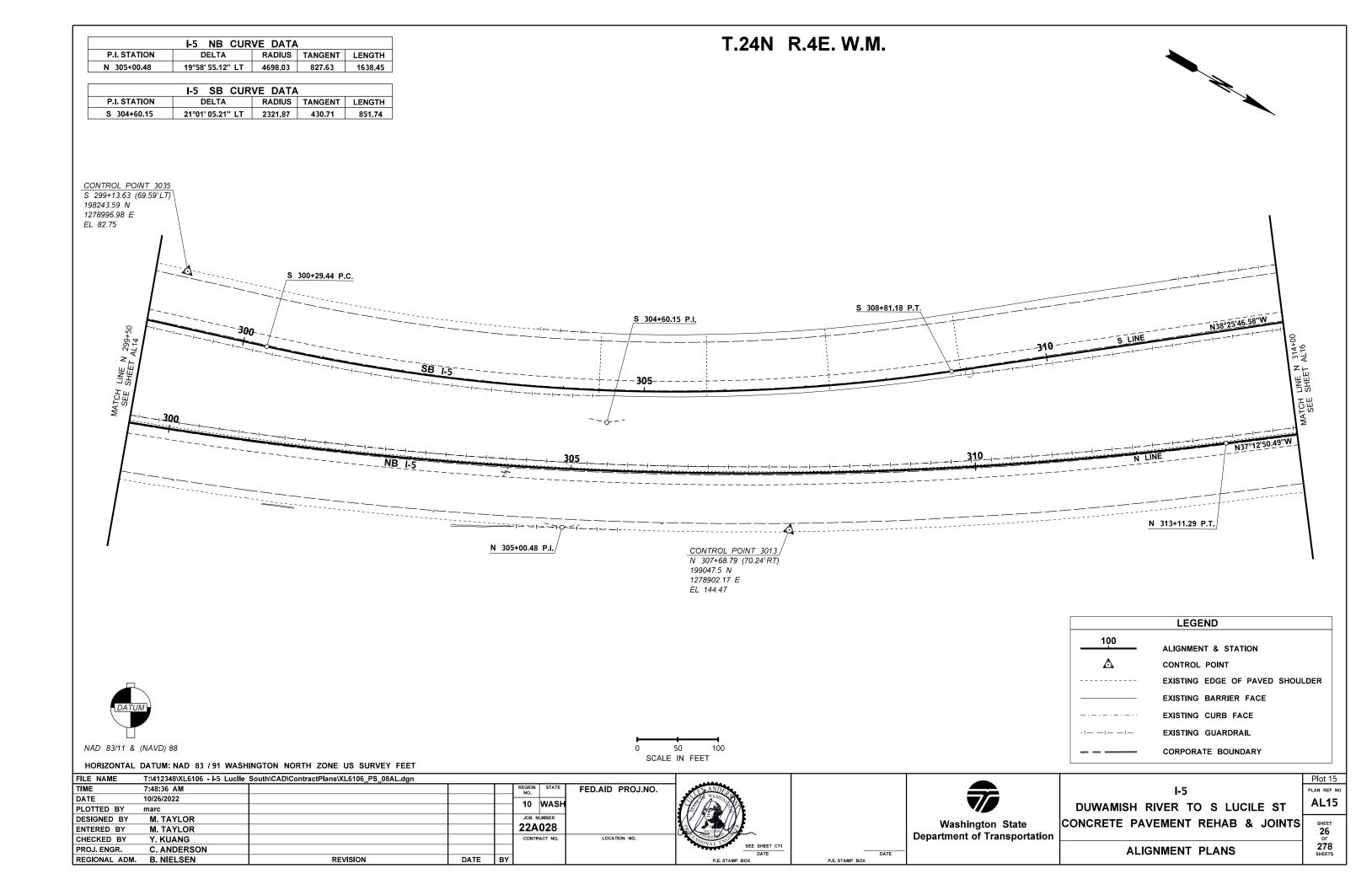
INTS
SHEET
21
OF
278
SHEETS

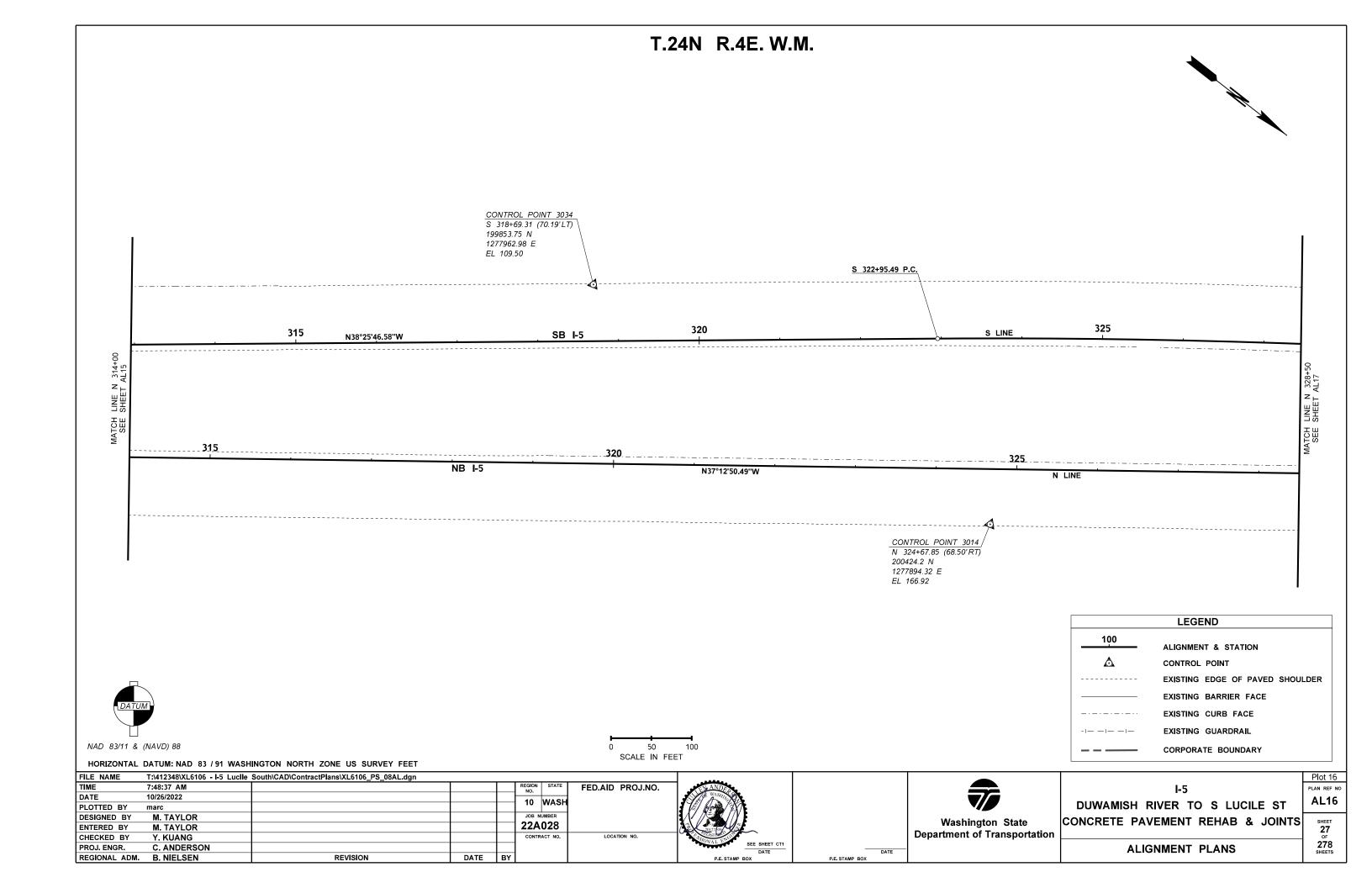










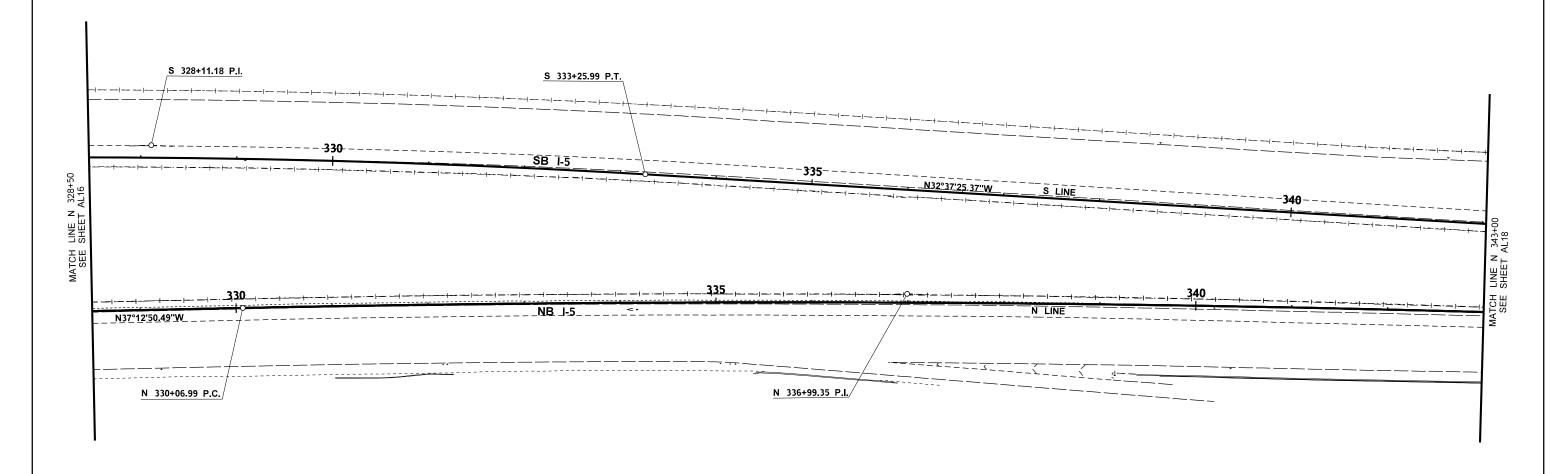


I-5 NB CURVE DATA						
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH		
N 336+99.35	2°59' 55.48" RT	26451.51	692.37	1384.42		

I-5 SB CURVE DATA						
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH		
S 328+11.18	5°48' 21.21" RT	10169.59	515.69	1030.51		









NAD 83/11 & (NAVD) 88

0 50 100 SCALE IN FEET

LEGEND								
100 ALIGNMENT & STATION								
$\triangle$	CONTROL POINT							
	EXISTING EDGE OF PAVED SHOULDER							
	EXISTING BARRIER FACE							
	EXISTING CURB FACE							
	EXISTING GUARDRAIL							
	CORPORATE BOUNDARY							

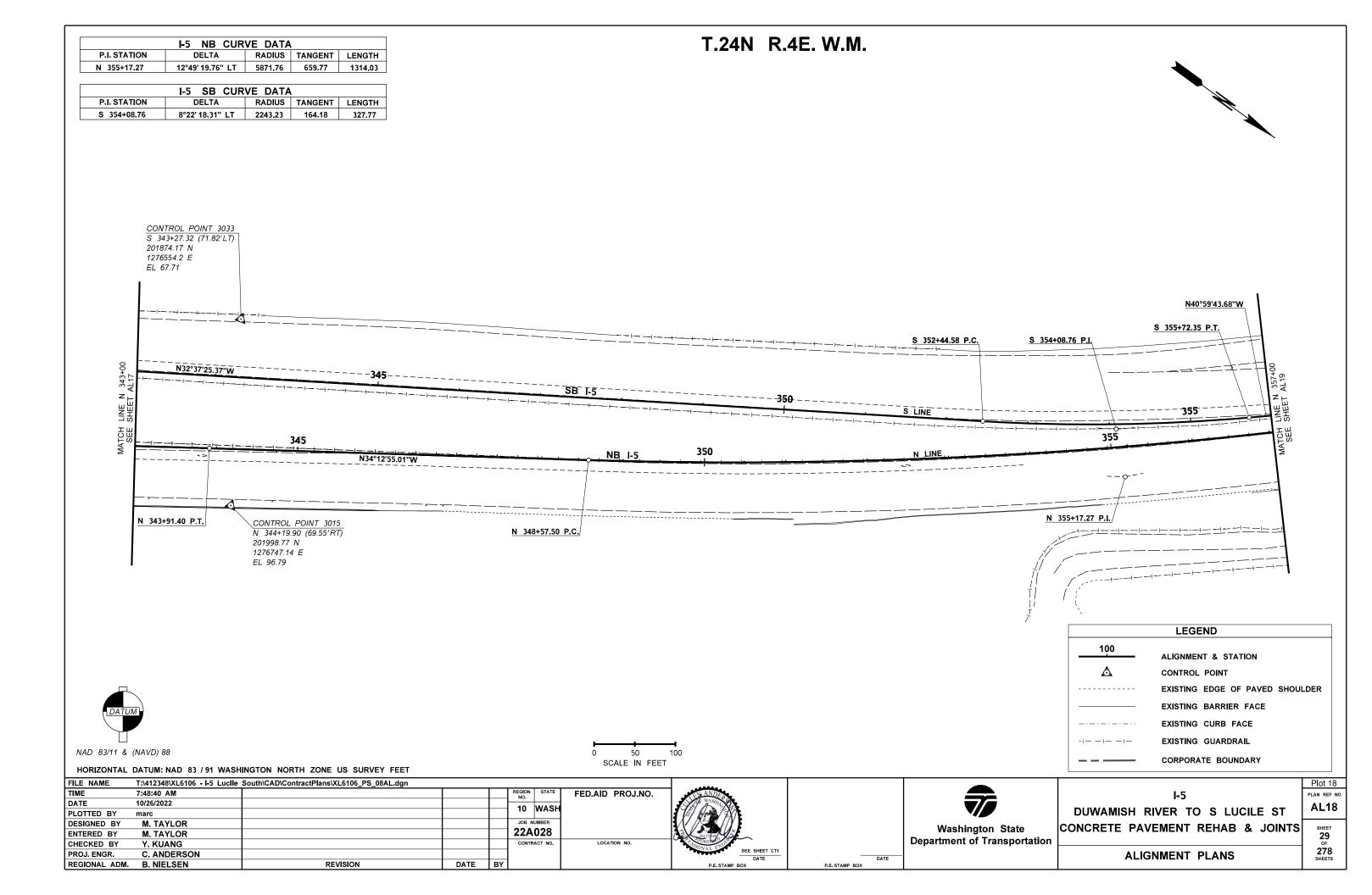
IORIZONTAL DATUM: NAD	83 / 91	WASHINGTON	NORTH	ZONE	US	SURVEY	FEET	

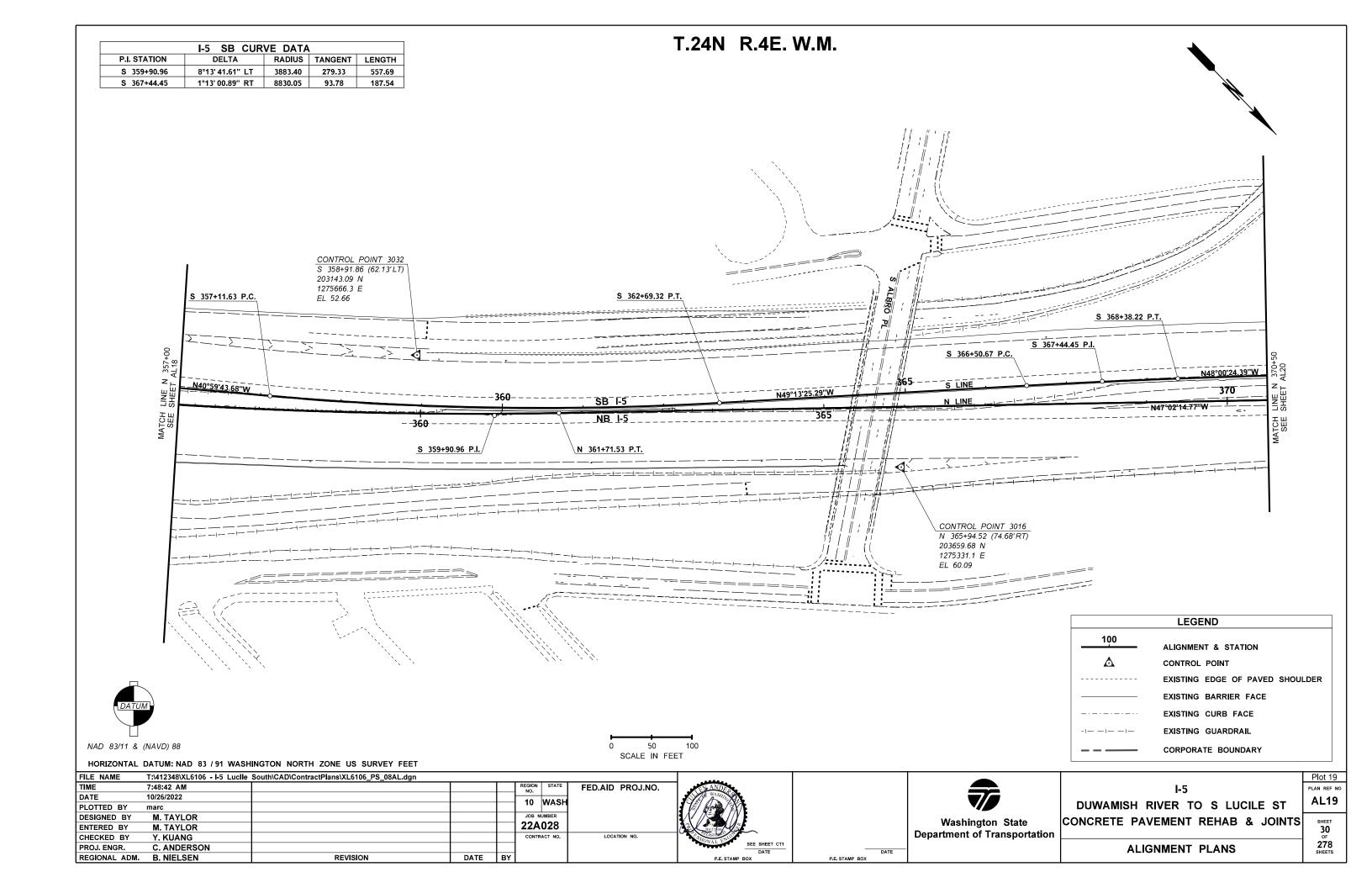
FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_08AL.dgn						
TIME	7:48:39 AM				REGION NO.	STATE	FED.AID PROJ.NO.	1
DATE	10/26/2022					WASH		Há
PLOTTED BY	marc				יי ן	WASH		13
DESIGNED BY	M. TAYLOR					NUMBER		П
ENTERED BY	M. TAYLOR				22A	028		IΛ
CHECKED BY	Y. KUANG				CONTR	RACT NO.	LOCATION NO.	٦~
PROJ. ENGR.	C. ANDERSON							1
DECIONAL ADM	D MIELCEN	DEVISION	DATE	DV	1			1

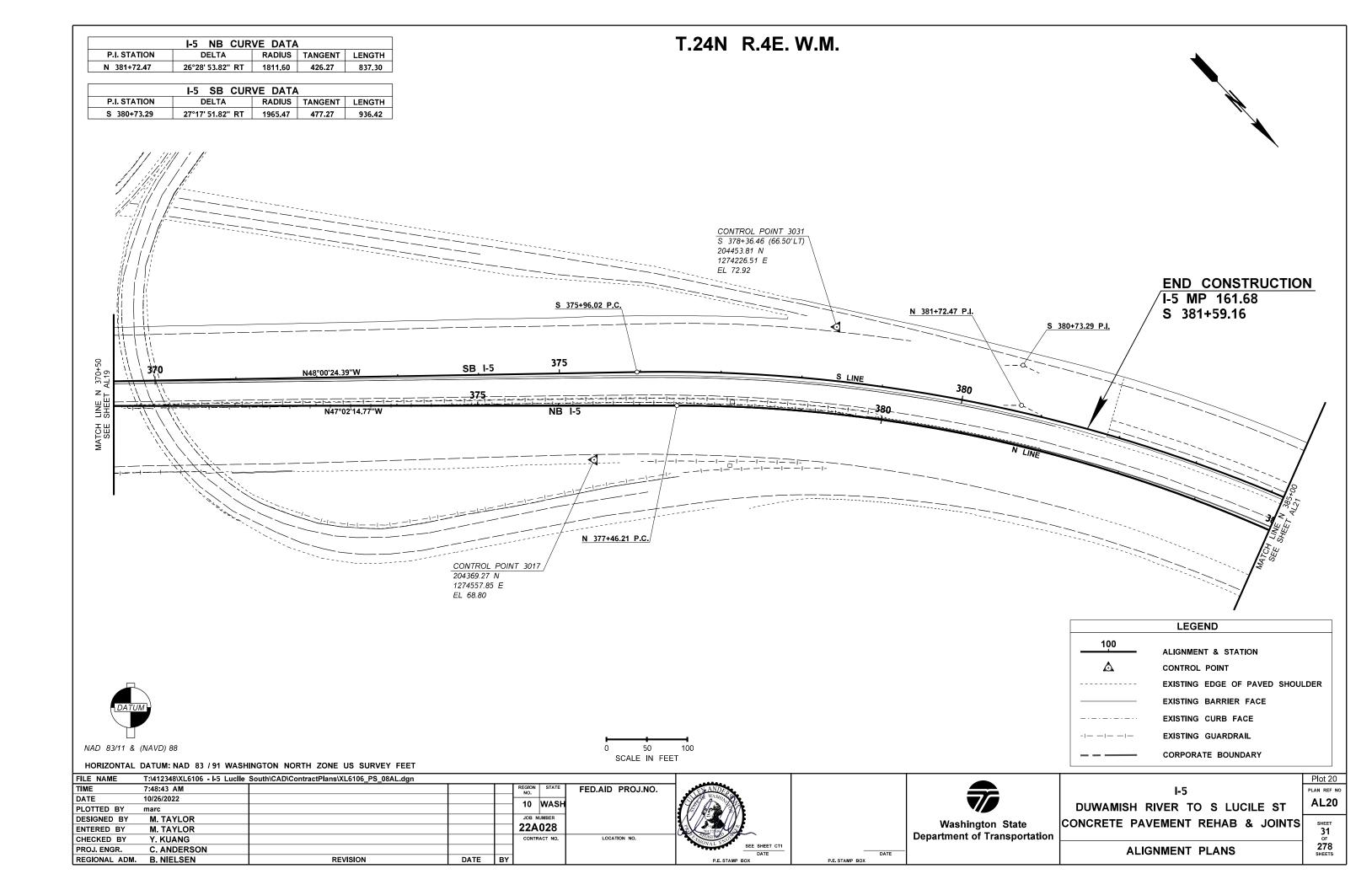


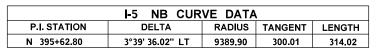
7	
Washington State	C
Department of Transportation	

	Plot 17
I-5	PLAN REF NO
DUWAMISH RIVER TO S LUCILE ST	AL17
CONCRETE PAVEMENT REHAB & JOINTS	SHEET <b>28</b> OF
ALIGNMENT PLANS	278 SHEETS





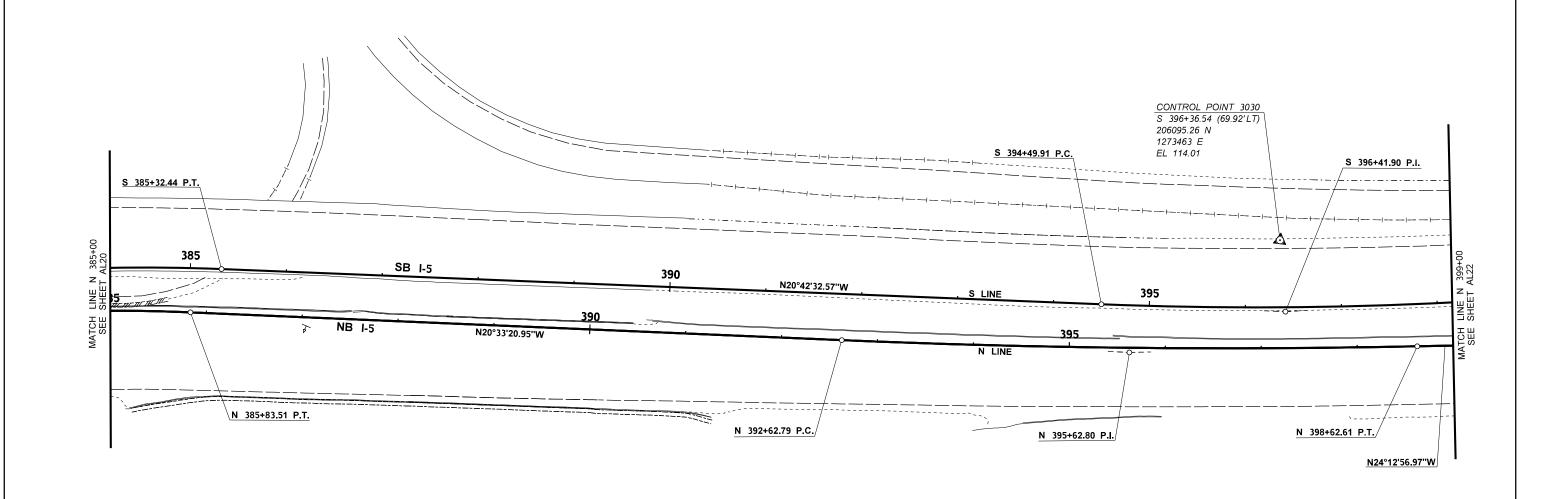




	I-5 SB CUR	VE DATA	1	
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH
S 396+41.90	5°26' 30.65" LT	4039.82	191.99	383.69









NAD 83/11 & (NAVD) 88

0 50 100 SCALE IN FEET ALIGNMENT & STATION

CONTROL POINT

EXISTING EDGE OF PAVED SHOULDER

EXISTING BARRIER FACE

EXISTING CURB FACE

EXISTING GUARDRAIL

CORPORATE BOUNDARY

LEGEND

#### HORIZONTAL DATUM: NAD 83 / 91 WASHINGTON NORTH ZONE US SURVEY FEET

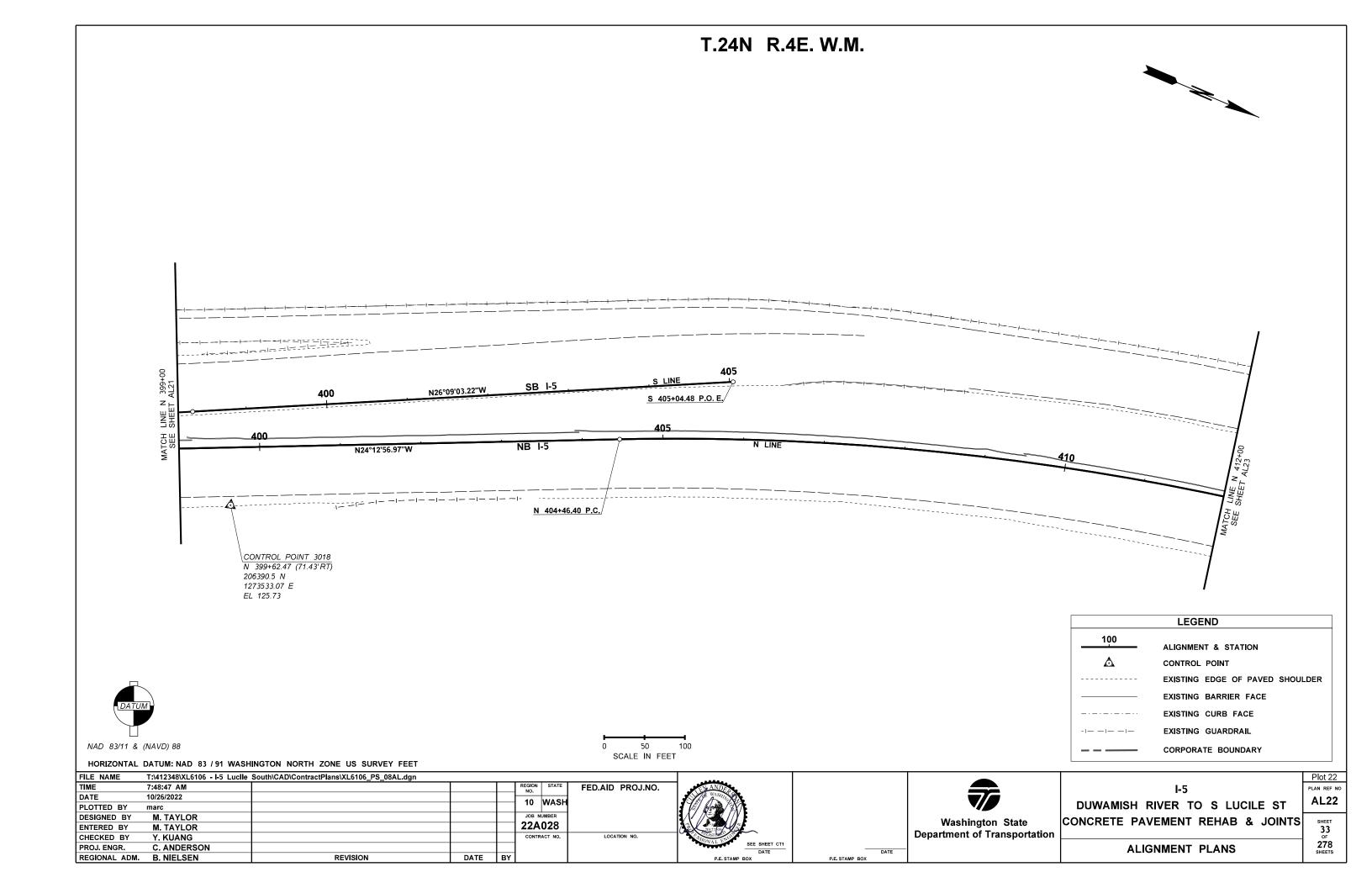
FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_08AL.dgn						
TIME	7:48:45 AM				REGION NO.	STATE	FED.AID PROJ.NO.	٦.,
DATE	10/26/2022					WASH		
PLOTTED BY	marc				10	WASH		177
DESIGNED BY	M. TAYLOR					UMBER		$\mathbb{R}^{\prime}$
ENTERED BY	M. TAYLOR				22A	.028		A
CHECKED BY	Y. KUANG				CONTR	RACT NO.	LOCATION NO.	7~3
PROJ. ENGR.	C. ANDERSON							
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY				



Washington State Department of Transportation	С
Department of Transportation	Н

DATE

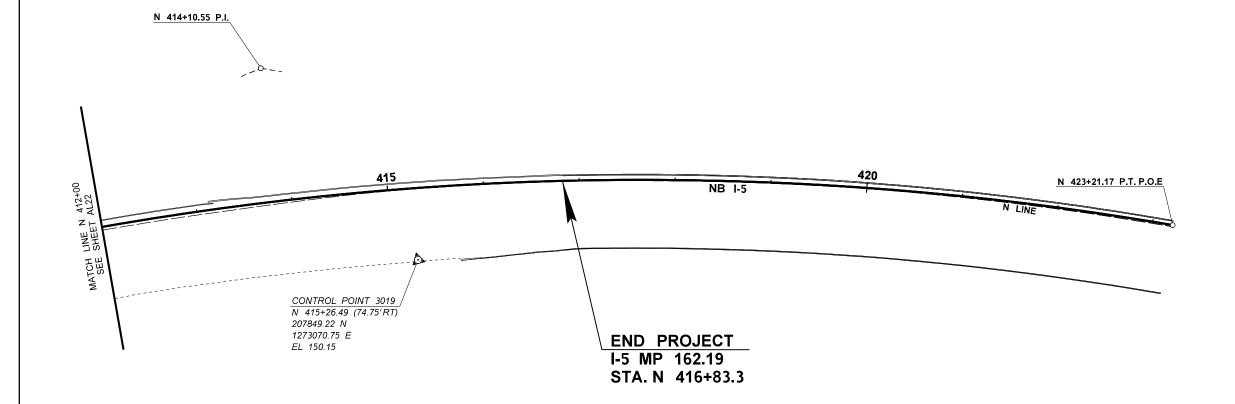
	Plot 21
I-5	PLAN REF NO
DUWAMISH RIVER TO S LUCILE ST	AL21
CONCRETE PAVEMENT REHAB & JOINTS	SHEET 32 OF
ALIGNMENT PLANS	278 SHEETS



I-5 NB CURVE DATA										
P.I. STATION	DELTA	RADIUS TANGENT LENG								
N 414+10.55	32°58' 45.01 RT	3257.10	964.15	1874.77						

T.24N R.4E. W.M.







**5**0 SCALE IN FEET HORIZONTAL DATUM: NAD 83 / 91 WASHINGTON NORTH ZONE US SURVEY FEET

FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_08AL.dgn					
TIME	7:48:48 AM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	10/26/2022					NASH	
PLOTTED BY	marc				ין טי ן	WASH	
DESIGNED BY	M. TAYLOR				JOB NUM		
ENTERED BY	M. TAYLOR				22A0	)28	
CHECKED BY	Y. KUANG				CONTRAC	CT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON						
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			





	Γ
I-5	
DUWAMISH RIVER TO S LUCILE ST	
CONCRETE PAVEMENT REHAB & JOINTS	
ALIGNMENT PLANS	

LEGEND

CONTROL POINT

ALIGNMENT & STATION

EXISTING BARRIER FACE EXISTING CURB FACE EXISTING GUARDRAIL

CORPORATE BOUNDARY

EXISTING EDGE OF PAVED SHOULDER

100

 $\triangle$ 

	Plot 23	
	PLAN REF NO	
LE ST	AL23	
JOINTS	SHEET <b>34</b> ОF	
	278 SHEETS	

CONSTRUCTION FAILURE  THE SECOND NUMBERS REFERS TO THE SECOND ON THAT SO SECOND	ITERE	ED BY R. CARTER D BY R. CARTER ED BY Y. KUANG			1	WASH  DB NUMBER						ton State		VAMISH RIVER TO S LUCILE ST RETE PAVEMENT REHAB & JOINTS	- 5
CONSTRUCTION FAILURE FOUND ON THAT    Part		SHEET IOTAL	104300	203			FED. AID	PROJ. NO.	l	<u> </u>		<u> </u>		I-5	PLA C
ONSTRUCTION FEATURE.  HE SECOND NUMBER REFERS TO THE ONSTRUCTION FEATURE FOUND ON THAT HEET.  DIE LOCATION / \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		SHEET TOTAL	184950	263	33	1									
ESECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE.  ESECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT LEET.  DEL LOCATION / UNIT OF MEASURE > L.F. EACH HUND  N 1164/16 TO N 205-747.  N 126-37 TO N 184-40.0 480. 9.9  N 179-40 TO N 179-60.0 540.0  N 179-60 TO N 189-75.5 310  N 189-75.5 TO N 191-95.7 480.0  N 189-75.5 TO N 191-95.7 480.0  N 189-75.5 TO N 191-96.7 480.0  N 120-47-47 TO N 46-83.3 105550  N 205-74.7 TO N 353-91.4 1482.0  N 205-74.7 TO N 353-91.4 1482.0  N 205-74.7 TO N 353-91.4 1482.0  N 365-79.4 TO N 369-83.3 5710  N 365-79.4 TO N 369-83.3 5710  N 365-79.4 TO N 369-83.3 5710  N 365-79.4 TO N 369-81.0  N 369-79.7 TO N 416-83.3 5710  N 369-79.7 TO N 416-83.3 5710  N 369-79.7 TO N 416-83.3 5710  N 369-79.7 TO N 416-83.3 5710  N 369-79.7 TO N 369-81.0 240  N 369-79.7 TO N 369-81.0 240  N 369-79.7 TO N 369-81.0 240  N 369-79.7 TO N 369-81.0 240  N 369-79.7 TO N 369-81.0 240  N 369-79.9 TO N 389-2.0 190  N 379-99.0 TO N 381-2.0 190  N 379-99.0 TO N 381-2.0 190  N 379-99.0 TO N 381-2.0 190  N 379-99.0 TO N 381-2.0 190  N 379-90.0 TO N 381-2.0 190  N 379-	+														
DISTRUCTION FEATURE.  ESECOND NUMBER REFERS TO THE DISTRUCTION FEATURE FOUND ON THAT  EET.  DISTRUCTION FEATURE FOUND ON THAT  EET.  DISTRUCTION FEATURE FOUND ON THAT  EET.  DISTRUCTION FEATURE FOUND ON THAT  EET.  DISTRUCTION FEATURE FOUND ON THAT  EET.  DISTRUCTION FEATURE FOUND ON THAT  EET.  DISTRUCTION FEATURE FOUND ON THAT  EET.  DISTRUCTION FEATURE FOUND ON THAT  EET.  DISTRUCTION FEATURE FOUND ON THAT  EET.  DISTRUCTION FEATURE FOUND ON THAT  EET.  DISTRUCTION FEATURE FOUND ON THAT  EET.  DISTRUCTION FEATURE FOUND ON THAT  EET.  DISTRUCTION FEATURE FOUND ON THAT  EET.  EACH HUND  N 1164-76 TO N 205-74.7 TO N 164-40.0  N 1264-74 TO N 1894-75.5  310  N 1264-74 TO N 204-75.5  310  N 1264-74 TO N 204-75.2  N 1264-74 TO N 204-75.2  N 205-74.7 TO N 416-83.3  105550  DISTRUCTION FEATURE FOUND ON THAT  EET.  DISTRUCTION FEATURE FOUND ON THAT  EE															
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E SECOND NUMBER REFERS TO THE NOTIFICATION FEATURE FOUND ON THAT  BE ELECT.  DE LOCATION Y \ UNIT OF MEASURE > L.F. EACH HUND  N 1164-47.6 TO N 2064-74.7 53540  N 1262-37.0 TO N 1064-40.0  N 1764-40.0 TO N 1064-73.7  N 1796-80.0 TO N 1084-75.5  310  N 1894-75.5 TO N 1914-95.7  N 1894-75.5 TO N 1914-95.7  480  N 1894-75.5 TO N 1914-95.7  480  N 1894-75.5 TO N 1914-95.7  480  N 1894-75.5 TO N 1914-95.7  480  N 1894-75.5 TO N 1914-95.7  480  N 1894-75.5 TO N 1914-95.7  480  N 1894-75.5 TO N 1914-95.7  480  N 1894-75.5 TO N 1914-95.7  480  N 1894-75.5 TO N 1914-95.7  480  N 1974-24.2 TO N 2044-54.2  1540  N 2054-74.7 TO N 3534-91.4  14820  N 2054-74.7 TO N 3534-91.4  14820  N 2054-74.7 TO N 4164-83.3  155550  224  21.2  N 3559-77.0 TO N 4164-83.3  5710  N 3657-94.1 TO N 364-83.3  5710  N 3657-94.1 TO N 364-83.3  5710  N 3657-94.1 TO N 364-83.3  5710  N 3657-94.1 TO N 364-83.3  5710  N 3657-94.1 TO N 364-83.3  5710  N 3657-94.1 TO N 364-83.3  5710  N 3657-94.1 TO N 364-83.3  5710  N 3657-94.1 TO N 364-83.3  5710  N 3657-94.1 TO N 364-83.3  5710  N 3657-94.1 TO N 364-83.3  5710  N 3657-94.1 TO N 364-83.3  5710  N 3657-94.1 TO N 364-84.0  240	-	N 379+39.0 TO N 381+23.0	190		0.	1				1					
ENSTRUCTION FEATURE:	١	N 368+31.7 TO N 370+60.1	260		0.	2									
SINSTRUCTION FEATURE.    E SECOND NUMBER REFERS TO THE   DAY   DA	N	N 365+79.4 TO N 368+14.0	240												
DE LOCATION > 1 UNIT OF MEASURE > LF. EACH HUND  N 116+47.6 TO N 205+74.7  N 176+74.0 TO N 188+75.5  N 178+75.5  N 188+75.5 TO N 188+75.5  N 188+75.5 TO N 189+55.5  N 189+75.5 TO N 191+95.7  N 189+75				224	21	2				_					
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NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE. THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.	REMOVING PLASTIC LINE	REMOVING PLASTIC TRAFFIC MARKING	REMOVING RAISED PAVEMENT MARKER										SEE GENERAL NOTES	GENERAL NOTES:	
ODE LOCATION Y \ UNIT OF MEASURE >	L.F.	EACH	HUND										0		
S 126+68.5 TO S 205+18.4	47100	41	7.9				1	1					†		
S 139+37.1 (66.0 FT. LT.)		1						1						1	
S 140+74.7 TO S 146+78.4	610	<del>                                     </del>	0.2					1					1	1	
S 140+78.3 (66.0 FT. LT.)		1 1												1	
S 141+97.4 (66.0 FT. LT.)		1 1												1	
(		<del>                                     </del>												1	
S 146+78.4 TO S 149+95.1	320	1											1	1	
S 149+95.1 TO S 153+57.7	920	1	0.4								1				
S 173+78.4 TO S 174+10.2	60	1	0.1								1			1	
S 174+10.2 TO S 177+59.3	840	1	0.4										1	1	
		1													
S 205+18.4 TO S 381+59.2	106000	84	17.8												
S 205+0.6 TO S 209+18.9	1080		0.4												
S 357+49.0 TO S 359+6.7	230		0.1												
S 377+99.9 TO S 379+27.0	260		0.2												
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SHEET TOTAL	157420	128	27.5												
PROJECT TOTAL	342370	391	60.6												
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SIGN ADM. ID. NICLOCK I			0011110												

# INLET PROTECTION QUANTITIES

	I-5 NB	
TYPE	STATION	OFFSET
СВ	N 115+80	0.6' LT
СВ	N 116+36	2.8' LT
СВ	N 119+75	1,0' LT
СВ	N 123+05	0.7' LT
СВ	N 128+51	64.6' RT
СВ	N 128+54	2.0' LT
СВ	N 130+77	69.2' RT
СВ	N 130+78	0.8' LT
СВ	N 133+61	0.0' LT
СВ	N 133+65	64.7' RT
СВ	N 136+41	0.6' LT
СВ	N 136+43	66.2' RT
СВ	N 139+28	1.4' LT
СВ	N 139+29	66.0' RT
СВ	N 142+23	65.6' RT
СВ	N 142+25	1.0' LT
СВ	N 142+25 N 144+96	2,4' LT
СВ	N 144+96	65.3' RT
СВ		
		2.1' LT
CB	N 147+78	62.4' RT
СВ	N 148+52	63.2' RT
CB	N 151+77	5.7' LT
СВ	N 151+79	63.5' RT
СВ	N 154+74	61.6' RT
СВ	N 154+76	5.1' LT
СВ	N 157+90	3.3' LT
СВ	N 162+63	1.1' RT
СВ	N 163+87	2.9' LT
СВ	N 164+48	64.1' RT
СВ	N 166+32	63.4' RT
СВ	N 167+27	3.1' LT
СВ	N 167+28	66.7' RT
СВ	N 170+17	64.8' RT
СВ	N 170+72	2.6' LT
СВ	N 172+16	63.2' RT
СВ	N 173+26	0.0' LT
СВ	N 173+27	63.9' RT
СВ	N 176+05	65.6' RT
СВ	N 176+55	63.2' RT
СВ	N 176+62	2.0' LT
СВ	N 177+89	59.3' RT
СВ	N 179+39	2.7' LT
СВ	N 183+50	1.9' RT
СВ	N 185+74	0.4' LT
СВ	N 188+76	0.0' RT
СВ	N 190+76	66.8' RT
СВ	N 191+70	1.9' LT
СВ	N 191+74	67.9' RT
СВ	N 194+74	61.0' RT
СВ	N 194+79	3.3' LT
СВ	N 196+11	64.0' RT
СВ	N 196+25	2.0' LT
СВ	N 196+42	3.0' LT
СВ	N 196+52	64.0' RT
СВ	N 197+17	61.6' RT
СВ	N 198+52	1.8' LT
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	I-5 NB	
TYPE	STATION	OFFSET
СВ	N 200+26	2.7' LT
СВ	N 200+27	88.9' RT
СВ	N 201+51	2.9' LT
СВ	N 202+76	84.0' RT
СВ	N 202+77	3.4' LT
		1.5' LT
CB		
CB	N 205+68	3.7' LT
СВ	N 205+70	81.3' RT
СВ	N 206+49	4.0' LT
СВ	N 209+11	76.4' RT
СВ	N 209+13	6.3' LT
СВ	N 214+06	3.5' LT
СВ	N 214+07	71.4' RT
СВ	N 220+49	68.7' RT
СВ	N 220+98	6.0' LT
СВ	N 225+13	8.4' LT
СВ	N 225+30	69.3' RT
СВ	N 230+10	69.3' RT
СВ	N 230+11	6.5' LT
СВ	N 232+13	69.5' RT
СВ	N 233+63	69.3' RT
СВ	N 235+10	69.0' RT
СВ	N 235+12	6.9' LT
СВ	N 236+40	8.3' LT
СВ	N 236+61	67.1' RT
СВ	N 239+61	66.7' RT
СВ	N 239+80	8.0' LT
СВ	N 244+24	66.3' RT
СВ	N 244+94	66.8' RT
СВ	N 247+11	66.1' RT
		68.6' RT
CB	N 250+09	
СВ	N 250+10	8.4' LT
СВ	N 255+12	67.7' RT
СВ	N 258+43	66.8' RT
СВ	N 261+76	67.6' RT
СВ	N 262+12	69.6' RT
СВ	N 262+56	72.1' RT
СВ	N 262+56	4.0' LT
СВ	N 266+12	6.9' LT
СВ	N 270+13	7.1' LT
СВ	N 270+14	69.3' RT
СВ	N 272+53	69.3' RT
СВ	N 274+12	7.5' LT
СВ	N 277+13	70.6' RT
СВ	N 278+62	5.6' LT
СВ	N 279+72	73.5' RT
СВ	N 281+58	72.6' RT
СВ	N 281+62	2.7 LT
СВ	N 284+19	6.3' LT
СВ	N 284+51	71.1' RT
СВ	N 286+70	5.6' LT
СВ	N 286+75	71.4' RT
СВ	N 290+61	7.2' LT
СВ	N 290+61	67.5' RT
CB		66.6' RT
CB	N 295+14	7.8' LT

	I-5 NB	
TYPE	STATION	OFFSET
СВ	N 297+61	10.2' LT
СВ	N 300+14	7.2' LT
СВ	N 300+16	68.9' RT
СВ	N 303+33	8.1' LT
СВ	N 326+18	66.9' RT
СВ	N 326+19	9.5' LT
СВ	N 329+21	67.6' RT
СВ	N 331+20	8.2' LT
СВ	N 332+17	69.0' RT
СВ	N 335+18	69.4' RT
СВ	N 335+22	6.7' LT
СВ	N 340+20	5.5' LT
СВ	N 343+19	69.0' RT
СВ	N 344+21	69.0' RT
-		
CB	•	4.0' LT
CB		66.2' RT
CB	N 346+80	71.7' RT
CB	N 347+45	0.9' LT
CB	N 352+22	1.0' RT
СВ	N 355+20	1.7' RT
СВ	N 355+82	68.6' RT
СВ	N 357+58	0.9' LT
СВ	N 358+66	68.2' RT
СВ	N 362+11	68.4' RT
СВ	N 364+22	71.1' RT
СВ	N 365+74	72.7' RT
СВ	N 366+20	103.1' RT
СВ	N 366+21	7.0' RT
СВ	N 366+31	102.4' RT
СВ	N 366+34	94.1' RT
СВ	N 366+47	99.1' RT
СВ	N 366+79	100.2' RT
СВ	N 367+74	3.4' LT
СВ	N 368+67	85.8' RT
СВ	N 368+80	87.5' RT
СВ	N 371+82	74.3' RT
СВ	N 371+83	83.9' RT
СВ	N 372+71	2.9' RT
СВ	N 375+15	0.5' RT
СВ	N 378+02	68.1' RT
СВ	N 378+98	111.9' RT
СВ	N 379+32	97.8' RT
СВ	N 383+52	83.1' RT
СВ	N 385+48	79.6' RT
СВ	N 385+51	89.0' RT
СВ	N 388+10	85.9' RT
СВ	N 390+47	72.3' RT
СВ	N 395+59	11.3' LT
СВ	N 396+04	69.0' RT
СВ	N 398+13	60.6' RT
СВ	N 399+21	9.8' LT
СВ	N 399+55	75.3' RT
СВ	N 401+97	66.8' RT
СВ	N 403+98	8.6' LT
СВ	N 406+96	72.3' RT
СВ	N 412+21	8.0' LT
CR	N 412+21	0.U L I

	I-5 SB	
TYPE	STATION	OFFSET
СВ	S 115+94	57.6' LT
СВ	S 122+43	70.1' LT
СВ	S 122+51	66.8' LT
СВ	S 125+76	73.2' LT
СВ	S 130+17	70.5' LT
СВ	S 132+89	71.4' LT
СВ	S 133+03	7.1' RT
СВ	S 135+69	9.0' RT
СВ	S 135+75	6.5' RT
СВ	S 136+02	70.2' LT
СВ	S 138+57	6.8' RT
СВ	S 138+68	76.0' LT
СВ	S 141+47	7.3' RT
СВ	S 141+63	78.0' LT
СВ	S 144+41	5.2' RT
СВ	S 145+77	3.9' RT
СВ	S 146+66	3.0' RT
СВ	S 146+86	5.2' RT
СВ	S 152+49	1.9' RT
СВ	S 163+23	63.7' LT
СВ	S 163+30	3.6' RT
СВ	S 170+20	2.8' RT
СВ	S 178+80	2.7' LT
СВ	S 185+02	1.5' RT
СВ	S 195+68	5.4' RT
СВ	S 197+78	0.4' RT
СВ	S 199+62	2.3' RT
СВ	S 202+11	2.8' RT
СВ	S 203+50	1.9' RT
СВ	S 205+03	3.2' RT
СВ	S 210+91	2.6' RT
СВ	S 213+43	76.2' LT
СВ	S 213+44	4.4' RT
СВ	S 220+27	4.0' RT
СВ	S 220+27	73.2' LT
СВ	S 224+54	5.7' RT
СВ	S 225+47	70.6' LT
СВ	S 229+48	6.6' RT
СВ	S 234+49	7.6' RT
СВ	S 237+05	68.8' LT
СВ	S 239+23	7.1' RT
СВ	S 239+23	67.6' LT
СВ	S 245+75	69.4' LT
CD	3 243713	05.4 LT

	I-5 SB	
TYPE	STATION	OFFSET
СВ	S 247+02	67.4' LT
СВ	S 249+51	7.8' RT
СВ	S 259+50	69.5' LT
СВ	S 262+51	69.2' LT
СВ	S 265+49	68.8' LT
СВ	S 266+69	69.4' LT
СВ	S 266+97	70.8' LT
СВ	S 267+19	69.0' LT
СВ	S 268+52	70.4' LT
СВ	S 274+14	69.2' LT
СВ	S 274+54	68.5' LT
СВ	S 277+00	69.6' LT
СВ	S 285+46	73.7' LT
СВ	S 309+80	68.4' L
СВ	S 321+61	0.9' RT
СВ	S 324+56	4.5' RT
СВ	S 329+09	8.1' RT
СВ	S 331+60	5.7' RT
СВ	S 334+11	5.6' RT
СВ	S 336+60	0.3' RT
СВ	S 338+59	73.8' LT
СВ	S 338+61	4.3' RT
СВ	S 341+61	10.9' RT
СВ	S 341+61	72.0' LT
СВ	S 344+11	4.4' RT
СВ	S 346+50	6.5' RT
СВ	S 349+55	8.8' RT
СВ	S 356+29	2.3' RT
СВ	S 358+09	66.6' LT
СВ	S 360+03	65.1' LT
СВ	S 366+76	66.5' LT
СВ	S 373+59	0.8' RT
СВ	S 377+05	1.6' RT

LOCATION	INLET PROTECTION TOTAL COUNT
NB I-5 TUKWILA	64
SB I-5 TUKWILA	30
NB 1-5 SEATTLE	104
SB I-5 SEATTLE	46
PROJECT TOTALS	244

# NOTES:

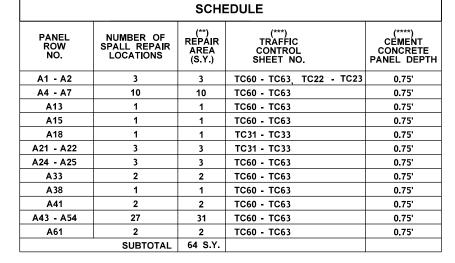
- 1. CONTRACTOR SHALL PROTECT ALL INLETS IN ACCORDANCE WITH STD. SPECIFICATION 8-01.3(9)D.
- 2. SEE STD. PLAN I-40.20 FOR INLET PROTECTION

FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_14TESC_IP.dgn									Plot 1
TIME	7:49:08 AM				REGION STATE	FED.AID PROJ.NO.				l-5	PLAN REF NO
DATE	10/26/2022				10 WASH	1					EC1
PLOTTED BY	marc				IU WASI	]				DUWAMISH RIVER TO S LUCILE ST	
DESIGNED BY	M. TAYLOR				JOB NUMBER				Washington State	CONCRETE PAVEMENT REHAB & JOINTS	SHEET
ENTERED BY	J. ALVAREZ				22A028						37
CHECKED BY	M. TAYLOR				CONTRACT NO.	LOCATION NO.			Department of Transportation		_ OF
PROJ. ENGR.	C. ANDERSON						DATE	DATE		TESC SCHEDULE	278 SHEETS
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			SHEETS

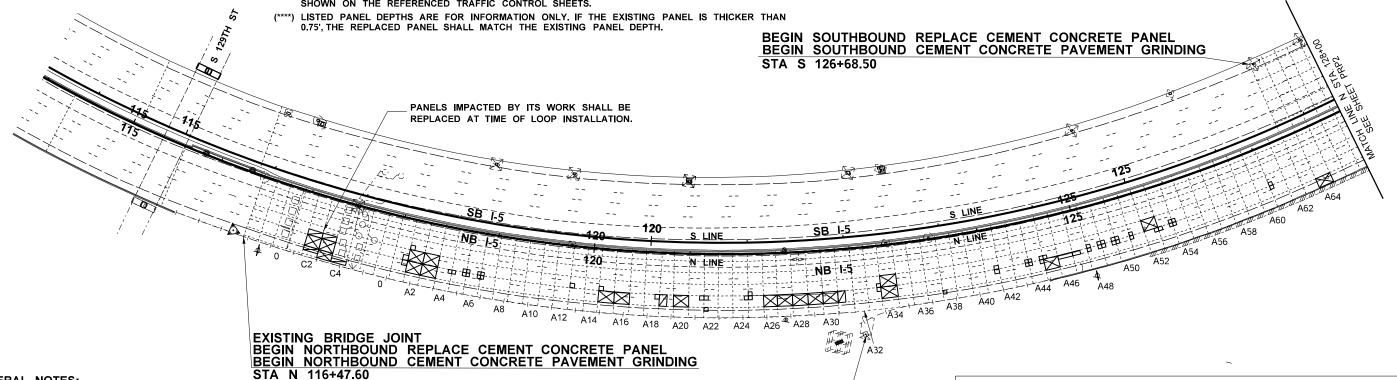
CEMENT CON	ICRETE	PANEL	COUNT
LOCATION	FULL PANEL	HALF PANEL	SPALL REPAIR
NB I-5 TUKWILA	59	27	89
SB  -5 TUKWILA	125	19	6
NB 1-5 SEATTLE	150	39	6
SB I-5 SEATTLE	268	116	53
PROJECT TOTALS	602	201	154

SCHEDOLE										
PANEL ROW NO.	NUMBER OF PANELS		(**) REPAIR AREA (S.Y.)	TR CO		FIC ROL	(****) CEMENT CONCRETE PANEL DEPTH			
	FULL	HALF	(0.11)	SHEET NO.			PANEL DEFIN			
A2 - A3	4	0	80	TC60	-	TC63	0.75'			
A15 - A16	2	0	40	TC31	-	TC33	0.75'			
A19 - A20	1	1	30	TC31	-	TC33	0.75'			
A26 - A31	5	1	110	TC31	-	TC33	0.75'			
A34	2	0	40	TC60	-	TC63	0.75'			
A45	1	0	20	TC31	-	TC33	0.75'			
A52	1	0	20	TC60	-	TC63	0.75'			
A64	1	0	20	TC31	-	TC33	0.75'			
C2 - C4	3	4	100	TC60	-	TC63	0.75'			
	SL	BTOTAL	460 S.Y.							

- (\*\*) FOR INFORMATION ONLY.
- THESE ARE SUGGESTED REFERENCED TRAFFIC CONTROL SHEETS. ALTERNATIVE OR ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED BEYOND THAT SHOWN ON THE REFERENCED TRAFFIC CONTROL SHEETS.



PARTIAL DEPTH SPALL REPAIR



# **GENERAL NOTES:**

- 1. REPLACING CEMENT CONCRETE PANELS SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICIATIONS 5-01.3(4) AND WSDOT STANDARD PLANS A-40.00, A-40.10, A-40.15, A-60.10
- 2. SPALL REPAIR LOCATIONS SHALL FIELD VERIFIED BY THE ENGINEER. PARTIAL DEPTH SPALL REPAIR AREAS SHALL BE REPAIRED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(5)
- 3. CEMENT CONCRETE PAVEMENT GRINDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(9). SEE SHEETS RS1-RS6 FOR ADDITIONAL GRINDING INFORMATION.
- 4. IF SOFT SUBGRADE IS IDENTIFIED DURING CONSTRUCTION AFTER PCCP PANEL REMOVAL, THE SOFT SUBGRADE SHALL BE OVER-EXCAVATED AND REPLACED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(4)D
- 5. SEE SHEET PRD1 FOR SUBGRADE REPAIR AND MINOR SURFACE PREPARATION DETAILS FOR FULL AND HALF PANEL REPLACEMENT.
- 6. THE CONTRACTOR SHALL REFERENCE EXISTING PAVEMENT MARKINGS PRIOR TO

EXIS	STING	CCTV	POLE /
STA	N 12	2+74.6	

	EXIST. CONC. BARRIER EXIST. WALL EXIST. BRIDGE EXIST. CATCH BASIN /	ロ	EXIST. LOOPS  EXIST. LUMINAIRE  PANEL ROW FROM OBJECT  EXIST. JUNCTION BOX  EXIST. CONTROLLER CABINET  EXISTING CONCRETE PANEL						
р В С)	GRATE INLET EXIST. MANHOLE EXIST. SIGN	⊠ Ø	REPLACE CEMENT CONCRETE PANEL (FULL PANEL) REPLACE CEMENT CONCRETE PANEL (HALF PANEL)						
→ — —	EXIST. SIGN BRIDGE	_	PARTIAL DEPTH SPALL REPAIR						

**LEGEND** 

	START	OF ANY WORK ACTIVITIES.		
LE	NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_15-1PRP.dgn	
ΜE		7:53:16 AM		
Λ T	=	10/27/2022		

FILE NAME	1.412346\AL6106 - 1-3 Lucile	SouthCADContractFlans(XL6106_F3_15-1FKF.dgfl					
TIME	7:53:16 AM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	10/27/2022				10	WASH	
PLOTTED BY	marc				10	WASH	
DESIGNED BY	M. TAYLOR					UMBER	
ENTERED BY	M. TAYLOR				22A	.028	
CHECKED BY	Y. KUANG				CONTR	ACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON						
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			



50

SCALE IN FEET

Washington State
Department of Transportation

DATE

I-5					
DUWAMISH RIVER TO S LUCILE ST					
CONCRETE PAVEMENT REHAB & JOINTS					
PANEL REPLACEMENT PLANS					

Plot 2 PLAN REF N PRP1 38 of 278 SHEETS

PARTIAL DEPTH SPALL REPAIR SCHEDULE							
PANEL ROW NO.	NUMBER OF SPALL REPAIR LOCATIONS	(**) REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.	(****) CEMENT CONCRETE PANEL DEPTH			
A11 - A12	4	4	TC31 - TC33	0.75'			
A58	2	2	TC31 - TC33	0.75'			
	SUBTOTAL	6 S.Y.					

FIRST EXISTING CB NORTH OF CANTILEVER SIGN AT STA S 128+89.5  STA S 130+15.2	(**) FOR INFORMATION ONLY.  (***) THESE ARE SUGGESTED REFERENCED TRAFFIC CONTROL SHEETS. ALTERNATIVE OR ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED BEYOND THAT SHOWN ON THE REFERENCED TRAFFIC CONTROL SHEETS.  (*****) LISTED PANEL DEPTHS ARE FOR INFORMATION ONLY. IF THE EXISTING PANEL IS THICKER THAN 0.75°, THE REPLACED PANEL SHALL MATCH THE EXISTING PANEL DEPTH.
——————————————————————————————————————	135 SLINE 140 SL

- 1. REPLACING CEMENT CONCRETE PANELS SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICIATIONS 5-01.3(4) AND WSDOT STANDARD PLANS A-40.00, A-40.10, A-40.15, A-60.10
- 2. SPALL REPAIR LOCATIONS SHALL FIELD VERIFIED BY THE ENGINEER, PARTIAL DEPTH SPALL REPAIR AREAS SHALL BE REPAIRED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(5)
- 3. CEMENT CONCRETE PAVEMENT GRINDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(9). SEE SHEETS RS1-RS6 FOR ADDITIONAL GRINDING INFORMATION.
- 4. IF SOFT SUBGRADE IS IDENTIFIED DURING CONSTRUCTION AFTER PCCP PANEL REMOVAL, THE SOFT SUBGRADE SHALL BE OVER-EXCAVATED AND REPLACED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(4)D
- 5. SEE SHEET PRD1 FOR SUBGRADE REPAIR AND MINOR SURFACE PREPARATION DETAILS FOR FULL AND HALF PANEL REPLACEMENT.
- 6. THE CONTRACTOR SHALL REFERENCE EXISTING PAVEMENT MARKINGS PRIOR TO START OF ANY WORK ACTIVITIES.

_		
ō	50	100
	SCALE IN	FEET

#### **LEGEND** مرجرج EXIST. LOOPS EXIST. PAVEMENT MARKINGS EXIST. PAVED SHOULDER EXIST. LUMINAIRE EXIST. BARRIER FACE 0 A2 A4 PANEL ROW FROM OBJECT I---I- EXIST. GUARDRAIL ====== EXIST. CONC. BARRIER ⋈ ⋈ ⋈ EXIST. JUNCTION BOX -m-m-m-m EXIST. WALL EXIST. CONTROLLER CABINET EXIST. BRIDGE EXISTING CONCRETE PANEL EXIST. CATCH BASIN / GRATE INLET [] 50 REPLACE CEMENT CONCRETE PANEL (FULL PANEL) $\boxtimes$ () EXIST. MANHOLE REPLACE CEMENT CONCRETE þ þ EXIST. SIGN PANEL (HALF PANEL) EXIST. SIGN BRIDGE PARTIAL DEPTH SPALL REPAIR

FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_15-1PRP.dgn						
TIME	7:53:20 AM				REGION NO.	STATE	FED.AID PROJ.NO.	1
DATE	10/27/2022				10	WASH		ı
PLOTTED BY	marc				יי ן	WASH		ľ
DESIGNED BY	M. TAYLOR					UMBER		1
ENTERED BY	M. TAYLOR				22A	.028		1/
CHECKED BY	Y. KUANG				CONTR	ACT NO.	LOCATION NO.	ľ
PROJ. ENGR.	C. ANDERSON							ı
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY				





DATE

REPLACE CEMENT CONCRETE PANEL (FULL/HALF) SCHEDULE

(\*\*) REPAIR

AREA (S.Y.)

40

40

20

40

20

20

40

20

(\*\*\*\*) CEMENT CONCRETE PANEL DEPTH

0.75

0.75'

0.75'

0.75'

0.75'

0.75'

0.75'

0.75

(\*\*\*) TRAFFIC CONTROL

SHEET NO.

TC60 - TC63

TC60 - TC63

TC15

TC15

TC15

TC15

TC15

TC15

NUMBER

PANELS

FULL HALF

0

0

1

2

4

4

0

0

0

0

0

0

SUBTOTAL 240 S.Y.

PANEL ROW NO.

A9 - A10

A55 - A56

**B**5

B9 - B10

B15

B22

B25 - B26

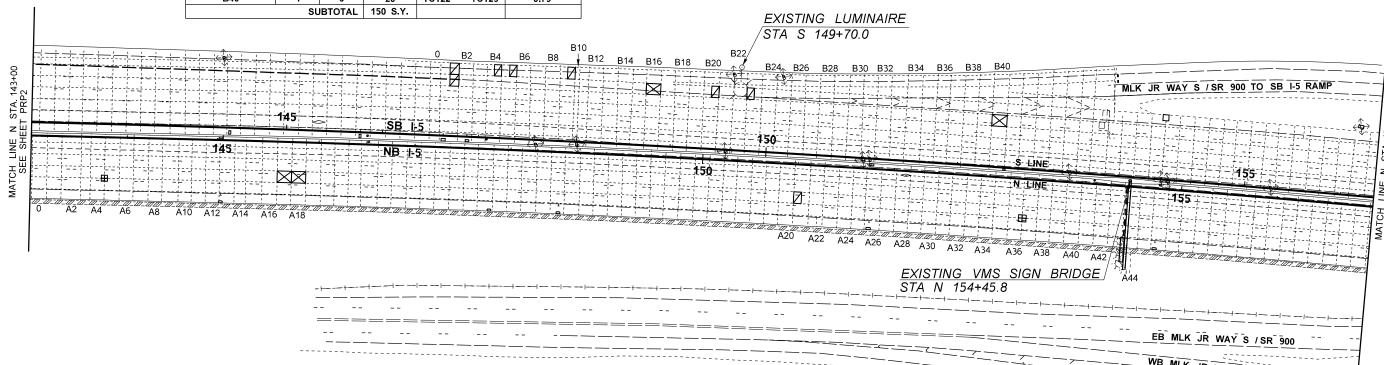
ĺ		Plot 3
	l-5	PLAN REF NO
	DUWAMISH RIVER TO S LUCILE ST	PRP2
	CONCRETE PAVEMENT REHAB & JOINTS	SHEET <b>39</b> OF
	PANEL REPLACEMENT PLANS	278 SHEETS

33112322								
PANEL ROW NO.	NUMBER OF PANELS		(**) REPAIR AREA	(***) TRAFFIC CONTROL	(****) CEMENT CONCRETE			
	FULL	HALF	(S.Y.)	SHEET NO.	PANEL DEPTH			
A17 - A18	2	0	40	TC64 - TC67	0.75'			
A21	0	1	10	TC64 - TC67	0.75'			
B1	0	2	20	TC122 - TC125	0.75'			
B4 - B5	0	2	10	TC122 - TC125	0.75'			
В9	0	1	10	TC122 - TC125	0.75'			
B16	1	0	20	TC122 - TC125	0.75'			
B20	0	1	10	TC122 - TC125	0.75'			
B23	0	1	10	TC122 - TC125	0.75'			
B40	1	0	20	TC122 - TC125	0.75'			
	SL	BTOTAL	150 S.Y.					

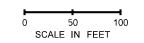
# PARTIAL DEPTH SPALL REPAIR SCHEDULE

SOFILDOLL								
PANEL ROW NO.	NUMBER OF SPALL REPAIR LOCATIONS	(**) REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.	(****) CEMENT CONCRETE PANEL DEPTH				
A4 - A5	4	4	TC31 - TC33	0.75'				
A36 - 37	4	4	TC31 - TC33	0.75'				
	SUBTOTAL	8 S.Y.						

- (\*\*) FOR INFORMATION ONLY.
- (\*\*\*) THESE ARE SUGGESTED REFERENCED TRAFFIC CONTROL SHEETS.
  ALTERNATIVE OR ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED BEYOND THAT SHOWN ON THE REFERENCED TRAFFIC CONTROL SHEETS.
- (\*\*\*\*) LISTED PANEL DEPTHS ARE FOR INFORMATION ONLY. IF THE EXISTING PANEL IS THICKER THAN 0.75', THE REPLACED PANEL SHALL MATCH THE EXISTING PANEL DEPTH.



#### **LEGEND** EXIST. LOOPS ---- EXIST. PAVEMENT MARKINGS EXIST. PAVED SHOULDER EXIST. LUMINAIRE EXIST. BARRIER FACE 0 A2 A4 PANEL ROW FROM OBJECT · I — - I — EXIST. GUARDRAIL :====== EXIST. CONC. BARRIER EXIST. JUNCTION BOX :m:m:m:m:m EXIST. WALL EXIST. CONTROLLER CABINET EXISTING CONCRETE PANEL EXIST. CATCH BASIN / GRATE INLET REPLACE CEMENT CONCRETE PANEL (FULL PANEL) **EXIST. MANHOLE** REPLACE CEMENT CONCRETE **EXIST. SIGN** PANEL (HALF PANEL) **EXIST. SIGN BRIDGE** PARTIAL DEPTH SPALL REPAIR



- 1. REPLACING CEMENT CONCRETE PANELS SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICIATIONS 5-01.3(4) AND WSDOT STANDARD PLANS A-40.00, A-40.10, A-40.15, A-60.10
- 2. SPALL REPAIR LOCATIONS SHALL FIELD VERIFIED BY THE ENGINEER. PARTIAL DEPTH SPALL REPAIR AREAS SHALL BE REPAIRED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(5)
- 3. CEMENT CONCRETE PAVEMENT GRINDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(9). SEE SHEETS RS1-RS6 FOR ADDITIONAL GRINDING INFORMATION.
- 4. IF SOFT SUBGRADE IS IDENTIFIED DURING CONSTRUCTION AFTER PCCP PANEL REMOVAL, THE SOFT SUBGRADE SHALL BE OVER-EXCAVATED AND REPLACED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(4)D
- 5. SEE SHEET PRD1 FOR SUBGRADE REPAIR AND MINOR SURFACE PREPARATION DETAILS FOR FULL AND HALF PANEL REPLACEMENT.
- 6. THE CONTRACTOR SHALL REFERENCE EXISTING PAVEMENT MARKINGS PRIOR TO START OF ANY WORK ACTIVITIES.

FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_15-1PRP.dgn					
TIME	7:53:23 AM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	10/27/2022				10	WASH	
PLOTTED BY	marc				10	WASH	
DESIGNED BY	M. TAYLOR					UMBER	
ENTERED BY	M. TAYLOR				22A	028	
CHECKED BY	Y. KUANG				CONTR	ACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON						
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			





**GENERAL NOTES:** 

I-5
DUWAMISH RIVER TO S LUCILE ST
CONCRETE PAVEMENT REHAB & JOINTS

PANEL REPLACEMENT PLANS

278 SHEETS

Plot 4

PRP3

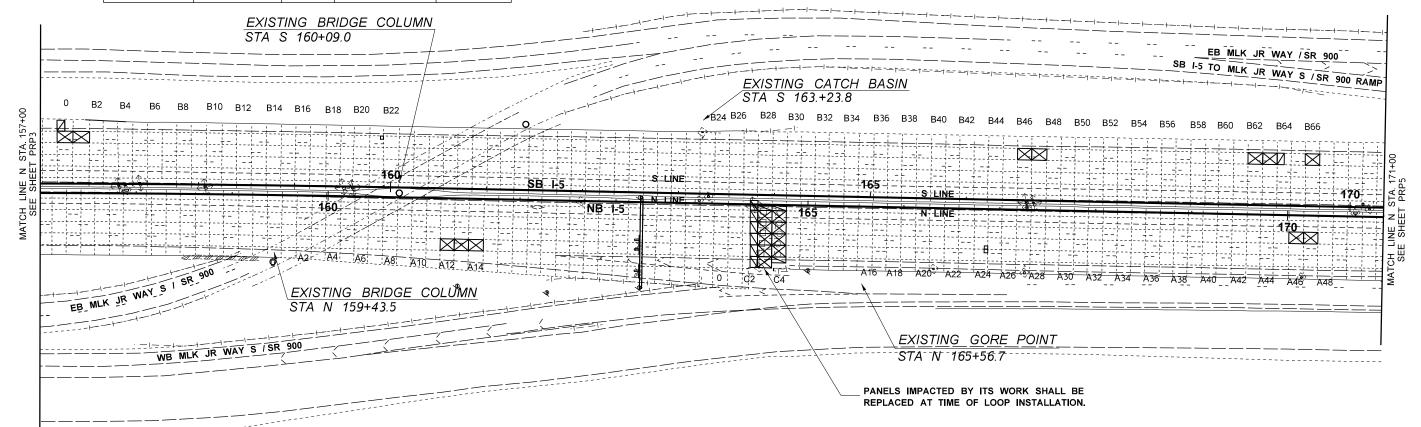
03112322									
PANEL ROW NO.	NUMBER OF PANELS		(**) REPAIR AREA (S,Y,)	(***) TRAFFIC CONTROL SHEET NO.	(****) CEMENT CONCRETE PANEL DEPTH				
	FULL	HALF	(5.1.)	SHEET NO.	PANEL DEFIN				
A12 - A14	3	0	60	TC34 - TC35	0.75'				
A46 - A47	2	0	40	TC15	0.75'				
B0 - B1	2	1	50	TC126 - TC129	0.75'				
B46 - B47	2	0	40	TC126 - TC129	0.75'				
B62 - B64	2	1	50	TC126 - TC129	0.75'				
B66	1	0	20	TC126 - TC129	0.75'				
C2 - C4	9	9	270	TC64 - TC67, TC8	0.75'				
	SL	BTOTAL	530 S.Y.	·					

# PARTIAL DEPTH SPALL REPAIR SCHEDULE

PANEL ROW NO.	NUMBER OF SPALL REPAIR LOCATIONS	(**) REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.	(****) CEMENT CONCRETE PANEL DEPTH				
A24 - A25	2	2	TC64 - TC67	0.75'				
B21	1	1	TC126 - TC129	0.75'				
	SUBTOTAL	3 S.Y.						



- (\*\*\*) THESE ARE SUGGESTED REFERENCED TRAFFIC CONTROL SHEETS.
  ALTERNATIVE OR ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED BEYOND THAT SHOWN ON THE REFERENCED TRAFFIC CONTROL SHEETS.
- (\*\*\*\*) LISTED PANEL DEPTHS ARE FOR INFORMATION ONLY. IF THE EXISTING PANEL IS THICKER THAN 0.75', THE REPLACED PANEL SHALL MATCH THE EXISTING PANEL DEPTH.



### **GENERAL NOTES:**

- 1. REPLACING CEMENT CONCRETE PANELS SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICIATIONS 5-01.3(4) AND WSDOT STANDARD PLANS A-40.00, A-40.10, A-40.15, A-60.10
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- 3. CEMENT CONCRETE PAVEMENT GRINDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(9). SEE SHEETS RS1-RS6 FOR ADDITIONAL GRINDING INFORMATION.
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- SEE SHEET PRD1 FOR SUBGRADE REPAIR AND MINOR SURFACE PREPARATION DETAILS FOR FULL AND HALF PANEL REPLACEMENT.
- 6. THE CONTRACTOR SHALL REFERENCE EXISTING PAVEMENT MARKINGS PRIOR TO START OF ANY WORK ACTIVITIES.

	EXIST. PAVEMENT MARKINGS	مرمِ و	EXIST. LOOPS
	EXIST. PAVED SHOULDER	o	EXIST. LUMINAIRE
	EXIST. BARRIER FACE	- ><	
·III-	EXIST. GUARDRAIL	0 A2 A4	PANEL ROW FROM OBJECT
:=======	EXIST. CONC. BARRIER		EXIST. JUNCTION BOX
- <i>111-111-111-111</i> .	EXIST. WALL	ктл  -Ж-1	EXIST. CONTROLLER CABINET
0.0000000000000000000000000000000000000	EXIST. BRIDGE	ктя	EXIST: CONTROLLER CABINET
[] 56	EXIST. CATCH BASIN /	 	EXISTING CONCRETE PANEL
[ ] []	GRATE INLET	$\boxtimes$	REPLACE CEMENT CONCRETE
	EXIST. MANHOLE		PANEL (FULL PANEL)
þ þ	EXIST. SIGN		REPLACE CEMENT CONCRETE
	EXIST. SIGN BRIDGE	<b>–</b>	PANEL (HALF PANEL)
	2,1011 01011 2.11002		PARTIAL DEPTH SPALL REPAIR

**LEGEND** 

FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_15-1PRP.dgn						
TIME	7:53:26 AM				REGION NO.	STATE	FED.AID PROJ.NO.	١
DATE	10/27/2022					WASH		1
PLOTTED BY	marc				10	WASH		17
DESIGNED BY	M. TAYLOR					UMBER		М
ENTERED BY	M. TAYLOR				22A	028		$\Lambda_i$
CHECKED BY	Y. KUANG				CONTR	ACT NO.	LOCATION NO.	~
PROJ. ENGR.	C. ANDERSON							
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY				



SCALE IN FEET



DATE

I-5						
DUWAMISH RIVER TO S LUCILE ST						
CONCRETE PAVEMENT REHAB & JOINTS						
DANIEL DEDLACEMENT DI ANG						
PANEL REPLACEMENT PLANS						

Plot 5
PLAN REF NO
PRP4

**41** 

ı											
PANEL ROW NO.		NUMBER OF PANELS		(**) REPAIR AREA	(***) TRAFFIC CONTROL	(****) CEMENT CONCRETE					
	FULL	HALF	(S.Y.)	SHEET NO.	PANEL DEPTI						
	A8 - A9	2	0	40	TC68 - TC70	0.75'					
	A12 - A13	1	1	30	TC68 - TC70	0.75'					
I	A17 - A25	11	0	220	TC68 - TC70, TC15	0.75'					
Ī	A44 - A49	5	1	110	TC15	0.75'					
ĺ	A60	0	2	20	TC36 - TC38	0.75'					
	A70 - A71	4	0	80	TC68 - TC70	0.75'					
	A84	0	1	10	TC71 - TC74	0.75'					
		SI	JBTOTAL	510 S.Y.							

# REPLACE CEMENT CONCRETE PANEL (FULL/HALF) SCHEDULE

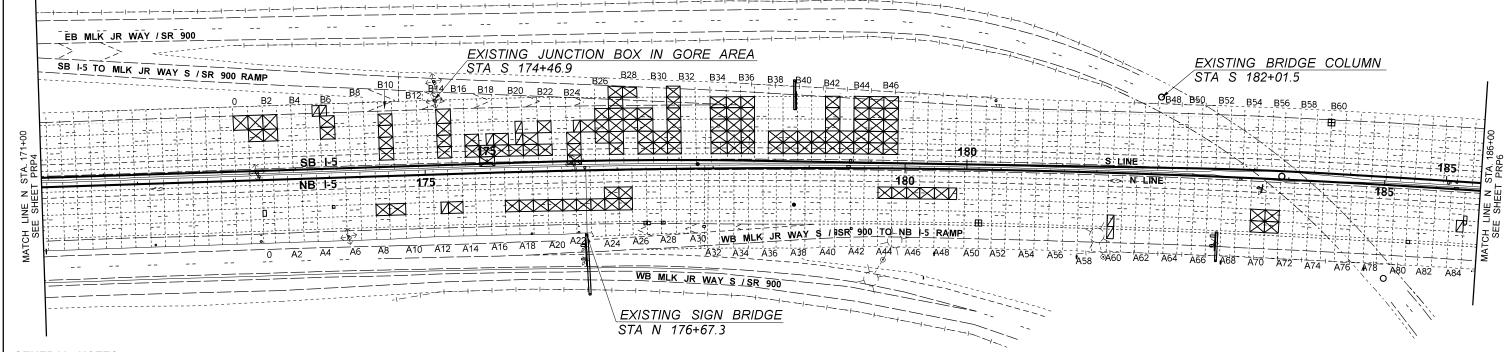
PANEL ROW NO.	NUMBER OF PANELS		(**) REPAIR AREA	(***) TRAFFIC CONTROL SHEET NO.			(****) CEMENT CONCRETE PANEL DEPTH	
	FULL	HALF	(S.Y.)		SHEE	i NO.		PANEL DEPIR
B0 - B2	5	0	100	TC130 -	TC132	TC165 -	TC168	0.75'
B5 - B6	2	2	60	TC130 -	TC132	TC165 -	TC168	0.75'
B10	4	0	80	TC130 -	TC132	TC165 -	TC168	0.75'
B15	4	0	80	TC130 -	TC132	TC165 -	TC168	0.75'
B17 - B22	11	3	250	TC130 -	TC132	TC165 -	TC168	0.75'
B24 - B31	28	1	570	TC130 -	TC132	TC165 -	TC168	0.75'
B34 - B36	15	0	300	TC130 -	TC132	TC165 -	TC168	0.75'
B38 - B46	30	0	600	TC130 -	TC132	TC165 -	TC168	0.75'
	SU	BTOTAL	2,040 S.Y.					

# PARTIAL DEPTH SPALL REPAIR SCHEDULE

= <del></del>									
PANEL ROW NO.	NUMBER OF SPALL REPAIR LOCATIONS	(**) REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.	(****) CEMENT CONCRETE PANEL DEPTH					
Α0	1	2	TC64 - TC67	0.75'					
A5	1	1	TC64 - TC67	0.75'					
A26 - A28	3	3	TC36 - TC38	0.75'					
A41 - A42	3	4	TC36 - TC38	0.75'					
A50 - A51	4	4	TC36 - TC38	0.75'					
A81	1	1	TC39 - TC41	0.75'					
A85	2	3	TC19	0.75'					
B59 - B60	4	4	TC133- TC135	0.75'					
	SUBTOTAL	22 S.Y.							



- (\*\*) FOR INFORMATION ONLY.
- (\*\*\*) THESE ARE SUGGESTED REFERENCED TRAFFIC CONTROL SHEETS.
  ALTERNATIVE OR ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED BEYOND THAT SHOWN ON THE REFERENCED TRAFFIC CONTROL SHEETS.
- (\*\*\*\*) LISTED PANEL DEPTHS ARE FOR INFORMATION ONLY. IF THE EXISTING PANEL IS THICKER THAN 0.75', THE REPLACED PANEL SHALL MATCH THE EXISTING PANEL DEPTH.



## **GENERAL NOTES:**

- 1. REPLACING CEMENT CONCRETE PANELS SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICIATIONS 5-01.3(4) AND WSDOT STANDARD PLANS A-40.00, A-40.10, A-40.15, A-60.10
- 2. SPALL REPAIR LOCATIONS SHALL FIELD VERIFIED BY THE ENGINEER. PARTIAL DEPTH SPALL REPAIR AREAS SHALL BE REPAIRED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(5)
- 3. CEMENT CONCRETE PAVEMENT GRINDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(9). SEE SHEETS RS1-RS6 FOR ADDITIONAL GRINDING INFORMATION.
- 4. IF SOFT SUBGRADE IS IDENTIFIED DURING CONSTRUCTION AFTER PCCP PANEL REMOVAL, THE SOFT SUBGRADE SHALL BE OVER-EXCAVATED AND REPLACED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(4)D
- 5. SEE SHEET PRD1 FOR SUBGRADE REPAIR AND MINOR SURFACE PREPARATION DETAILS FOR FULL AND HALF PANEL REPLACEMENT.
- 6. THE CONTRACTOR SHALL REFERENCE EXISTING PAVEMENT MARKINGS PRIOR TO START OF ANY WORK ACTIVITIES.

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Ō	<b>5</b> 0	100
	SCALE IN	FEET

LEGEND								
	EXIST. PAVEMENT MARKINGS EXIST. PAVED SHOULDER EXIST. BARRIER FACE	0 A2 A4 S S S	EXIST. LOOPS  EXIST. LUMINAIRE  PANEL ROW FROM OBJECT  EXIST. JUNCTION BOX  EXIST. CONTROLLER CABINET  EXISTING CONCRETE PANEL  REPLACE CEMENT CONCRETE  PANEL (FULL PANEL)					
þ β ⊹	EXIST. SIGN EXIST. SIGN BRIDGE	<b>Ø</b>	REPLACE CEMENT CONCRETE PANEL (HALF PANEL) PARTIAL DEPTH SPALL REPAIR					

FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_15-1PRP.dgn					
TIME	7:53:28 AM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	10/27/2022				10	WASH	
PLOTTED BY	marc				''	WASH	
DESIGNED BY	M. TAYLOR					UMBER	
ENTERED BY	M. TAYLOR				22A	028	
CHECKED BY	Y. KUANG				CONTR	ACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON						
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			



	I-5
	DUWAMISH RIVER TO S LUCILE ST
Vashington State ment of Transportation	CONCRETE PAVEMENT REHAB & JOINT

PANEL REPLACEMENT PLANS

Plot 6
PLAN REF NO
PRP5

42

#### REPLACE CEMENT CONCRETE PANEL (FULL/HALF) **SCHEDULE** PANEL ROW TRAFFIC CONTROL SHEET NO. OF PANELS CÈMENT AREA (S.Y.) CONCRETE PANEL DEPTH FULL HALF 20 0.75 Α1 0 TC19 A18 TC71 - TC74 0.75 0 20 A30 - A32 5 TC71 - TC74 TC19 3 130 0.75 A39 TC71 - TC74 0.75' 0 20 A48 TC71 - TC74 0 20 0.75 A55 - A56 0.75' 0 2 20 TC19

PARTIAL DEPTH SPALL REPAIR SCHEDULE								
PANEL NUMBER OF SPALL REPAIR NO. LOCATIONS		(**) REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.	(****) CEMENT CONCRETE PANEL DEPTH				
A1 - A2	2	2	TC39 - TC41	0.75'				
	SUBTOTAL	2 S.Y.						

(\*\*) FOR INFORMATION ONLY.

B0 - B1

B19

(\*\*\*) THESE ARE SUGGESTED REFERENCED TRAFFIC CONTROL SHEETS.
ALTERNATIVE OR ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED BEYOND THAT SHOWN ON THE REFERENCED TRAFFIC CONTROL SHEETS.

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0

SUBTOTAL 290 S.Y.

(\*\*\*\*) LISTED PANEL DEPTHS ARE FOR INFORMATION ONLY. IF THE EXISTING PANEL IS THICKER THAN

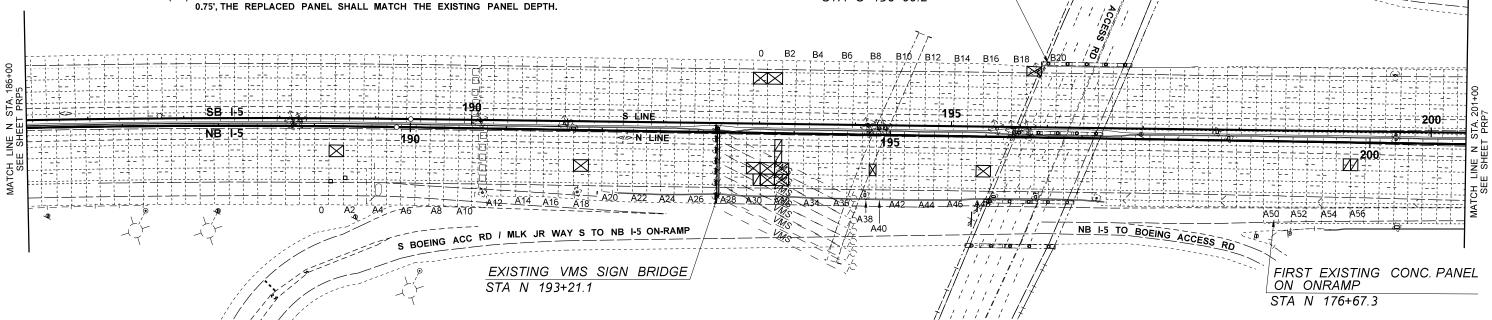
TC133 - TC135

TC133 - TC135

0.75'

0.75'

EXISTING BRIDGE COLUMN STA S 196+00.2



## **GENERAL NOTES:**

- 1. REPLACING CEMENT CONCRETE PANELS SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICIATIONS 5-01.3(4) AND WSDOT STANDARD PLANS A-40.00, A-40.10, A-40.15, A-60.10
- 2. SPALL REPAIR LOCATIONS SHALL FIELD VERIFIED BY THE ENGINEER. PARTIAL DEPTH SPALL REPAIR AREAS SHALL BE REPAIRED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(5)
- 3. CEMENT CONCRETE PAVEMENT GRINDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(9). SEE SHEETS RS1-RS6 FOR ADDITIONAL GRINDING INFORMATION.
- 4. IF SOFT SUBGRADE IS IDENTIFIED DURING CONSTRUCTION AFTER PCCP PANEL REMOVAL, THE SOFT SUBGRADE SHALL BE OVER-EXCAVATED AND REPLACED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(4)D
- SEE SHEET PRD1 FOR SUBGRADE REPAIR AND MINOR SURFACE PREPARATION DETAILS FOR FULL AND HALF PANEL REPLACEMENT.
- 6. THE CONTRACTOR SHALL REFERENCE EXISTING PAVEMENT MARKINGS PRIOR TO START OF ANY WORK ACTIVITIES.

LEGEND										
	EXIST. PAVEMENT MARKINGS		EXIST. LOOPS							
	EXIST. PAVED SHOULDER EXIST. BARRIER FACE	o>	EXIST. LUMINAIRE							
-111-	EXIST. GUARDRAIL	0 A2 A4	PANEL ROW FROM OBJECT							
:=======	EXIST. CONC. BARRIER EXIST. WALL		EXIST. JUNCTION BOX							
0.21.21.3	EXIST. BRIDGE	 	EXIST. CONTROLLER CABINET							
[] 5C	EXIST. CATCH BASIN / GRATE INLET	<u> '</u>	EXISTING CONCRETE PANEL REPLACE CEMENT CONCRETE							
d ()	EXIST. MANHOLE EXIST. SIGN		PANEL (FULL PANEL) REPLACE CEMENT CONCRETE							
÷ − −	EXIST. SIGN BRIDGE	<b>U</b>	PANEL (HALF PANEL) PARTIAL DEPTH SPALL REPAIR							

FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_15-1PRP.dgn					
TIME	7:53:31 AM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	10/27/2022					WASH	
PLOTTED BY	marc				''	WASH	
DESIGNED BY	M. TAYLOR					IUMBER	
ENTERED BY	M. TAYLOR				22A	.028	
CHECKED BY	Y. KUANG				CONTR	RACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON						
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			



50

SCALE IN FEET

Washington State Department of Transportation
·

DATE

I-5							
DUWAMISH RIVER TO S LUCILE ST							
CONCRETE PAVEMENT REHAB & JOINTS							

PANEL REPLACEMENT PLANS

SHEET 43 OF 278 SHEETS

Plot 7
PLAN REF NO
PRP6

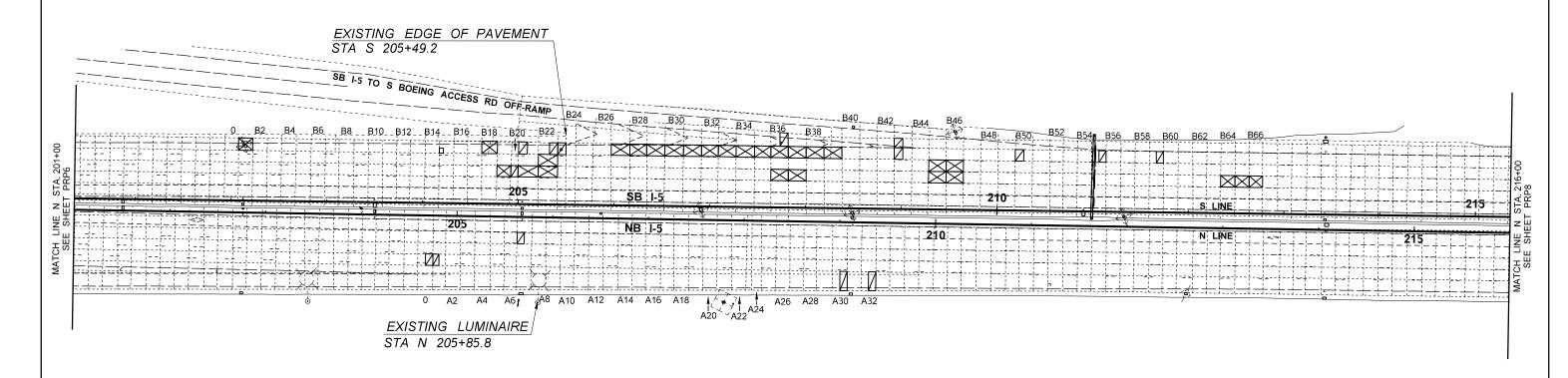
REPLACE CEMENT CONCRETE PANEL (FULL/HALF) SCHEDULE									
PANEL OF REPAIR TRAFFIC CEMENT CONCRETE NO.									
A0 - A1	FULL 0	HALF 2	20	TC71 - TC74	0.75'				
			20	1071 - 1074					
A7	0	1	10	TC17	0.75'				
A30 - A32	0	2	20	TC39 - TC41	0.83'				
B1	1	0	20	TC136 - TC138	0.75'				
B18 - B23	5	4	140	TC136 - TC138,TC14	0.75'				
B27 - B39	15	1	310	TC136 - TC138 TC14	0.75'				
SUBTOTAL 520 S.Y.									

REPLACE CEMENT CONCRETE PANEL (FULL/HALF) SCHEDULE										
PANEL ROW NO.	C	IBER OF IELS	(**) REPAIR AREA (S.Y.)	TRAFFIC CEN	(****) CEMENT CONCRETE PANEL DEPTH					
	FULL	HALF	(5.1.)	SHEET NO.	PANEL DEPIR					
B43	0	2	20	TC136 - TC138	0.75'					
B45 - B46	4	0	80	TC136 - TC138,TC14	0.75'					
B50	0	1	10	TC136 - TC138	0.75'					
B55	0	1	10	TC136 - TC138	0.75'					
B59	0	1	10	TC136 - TC138	0.75'					
B64 - B66	3	0	60	TC14	0.75'					
	SUB	TOTAL	190 S.Y.							

PARTIAL DEPTH SPALL REPAIR SCHEDULE									
PANEL NUMBER OF SPALL REPAIR AREA CONTROL CONCR ON SHEET NO.									
B15	1	1	TC136 - TC138	0.75'					
SUBTOTAL 1 S.Y.									



- (\*\*) FOR INFORMATION ONLY.
- (\*\*\*) THESE ARE SUGGESTED REFERENCED TRAFFIC CONTROL SHEETS.
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- (\*\*\*\*) LISTED PANEL DEPTHS ARE FOR INFORMATION ONLY. IF THE EXISTING PANEL IS THICKER THAN 0.75', THE REPLACED PANEL SHALL MATCH THE EXISTING PANEL DEPTH.



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- 3. CEMENT CONCRETE PAVEMENT GRINDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(9). SEE SHEETS RS1-RS6 FOR ADDITIONAL GRINDING INFORMATION.
- 4. IF SOFT SUBGRADE IS IDENTIFIED DURING CONSTRUCTION AFTER PCCP PANEL REMOVAL, THE SOFT SUBGRADE SHALL BE OVER-EXCAVATED AND REPLACED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(4)D
- 5. SEE SHEET PRD1 FOR SUBGRADE REPAIR AND MINOR SURFACE PREPARATION DETAILS FOR FULL AND HALF PANEL REPLACEMENT.
- 6. THE CONTRACTOR SHALL REFERENCE EXISTING PAVEMENT MARKINGS PRIOR TO START OF ANY WORK ACTIVITIES.

	SCALE IN	FEET
0	50	100

	EXIST. PAVEMENT MARKINGS	مريري	EXIST. LOOPS
	EXIST. PAVED SHOULDER	o>	EXIST. LUMINAIRE
	EXIST. BARRIER FACE	入人	
-11-	EXIST. GUARDRAIL	0 A2 A4	PANEL ROW FROM OBJECT
:======	EXIST. CONC. BARRIER		EXIST. JUNCTION BOX
- <i>101-101-101-101</i> .	EXIST. WALL	кта НЖН	EXIST. CONTROLLER CABINET
	EXIST. BRIDGE	 к т я	
F7 00	EXIST. CATCH BASIN /	<u> </u>	EXISTING CONCRETE PANEL
	GRATE INLET	$\square$	REPLACE CEMENT CONCRETE
	EXIST. MANHOLE		PANEL (FULL PANEL)
þ þ	EXIST. SIGN	7	REPLACE CEMENT CONCRETE
→ — —	EXIST. SIGN BRIDGE		PANEL (HALF PANEL)
	2,40.1101011 2.41002		PARTIAL DEPTH SPALL REPAIR

**LEGEND** 

FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_15-1PRP.dgn					
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DATE	10/27/2022				10	WASH	
PLOTTED BY	marc				''	WASH	
DESIGNED BY	M. TAYLOR					UMBER	
ENTERED BY	M. TAYLOR				22A	028	
CHECKED BY	Y. KUANG				CONTR	ACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON						
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			





DATE

I-5							
DUWAMISH RIVER TO S LUCILE ST							
CONCRETE PAVEMENT REHAB & JOINTS							

PANEL REPLACEMENT PLANS

44
of
278
sheets

Plot 8
PLAN REF NO
PRP7

#### REPLACE CEMENT CONCRETE PANEL (FULL/HALF) **SCHEDULE** NUMBER (\*\*) REPAIR PANEL ROW TRAFFIC CÈMENT PANELS AREA (S.Y.) CONTROL SHEET NO. CONCRETE PANEL DEPTH NO. FULL HALF A5 - A6 2 0 40 TC75 - TC77 0.75' TC75 - TC77 A10 - A12 3 0 60 0.75' A48 - A49 2 0 40 TC19 0.75' B0 0 20 TC4 0.75' TC14 B10 - B16 2 120 0.75 5 TC5 TC14 B17 - B19 160 0.75 B21 - B22 0 40 TC5 0.75 TC4 TC14 B26 1 30 0.75'

REPLACE CEMENT CONCRETE PANEL (FULL/HALF) SCHEDULE									
PANEL ROW NO.	C	IBER OF IELS	(**) REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.	(****) CEMENT CONCRETE PANEL DEPTH				
	FULL	HALF	(0.1.)	OHEET NO.	TARLE DEI III				
B35 - B36	2	0	40	TC5	0.75'				
B38	1	0	20	TC5	0.75'				
B43 - B47	4	1	90	TC5 TC14	0.75'				
B50	1	0	20	TC5	0.75'				
B54 - B59	7	1	150	TC5 , TC14	0.75'				
B62	0	1	10	TC4	0.75'				
B64	1	0	20	TC14	0.75'				
	SUBTOTAL 350 S.Y.								

	PARTIAL DEP SC	TH SPA HEDULE		
PANEL ROW NO.	NUMBER OF SPALL REPAIR LOCATIONS	(**) REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.	(****) CEMENT CONCRETE PANEL DEPTH
B24	1	1	TC4	0.75'
B73	1	1	TC4	0.75'
	SUBTOTAL	2 S.Y.		



(\*\*) FOR INFORMATION ONLY.

STA S 218+70.5

EXISTING SIGN BRIDGE BASE

THESE ARE SUGGESTED REFERENCED TRAFFIC CONTROL SHEETS. ALTERNATIVE OR ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED BEYOND THAT SHOWN ON THE REFERENCED TRAFFIC CONTROL SHEETS.

SUBTOTAL

(\*\*\*\*) LISTED PANEL DEPTHS ARE FOR INFORMATION ONLY. IF THE EXISTING PANEL IS THICKER THAN 0.75', THE REPLACED PANEL SHALL MATCH THE EXISTING PANEL DEPTH.

> PANELS IMPACTED BY ITS WORK SHALL BE REPLACED AT TIME OF

> > STA N 220+46.8

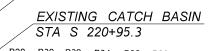
EXISTING BRIDGE

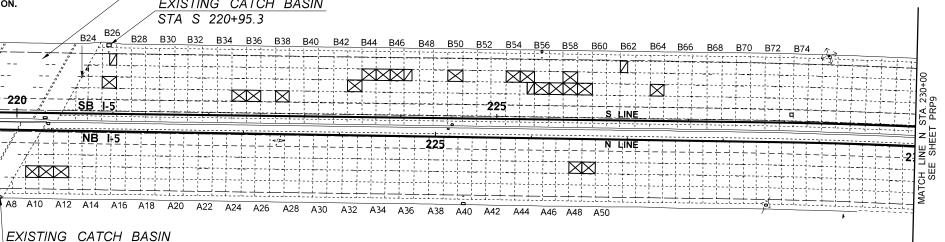
LOOP INSTALLATION.

<del>220</del>-

\_<u>'A6</u> /

EXISTING BRIDGE 5/530W





## **GENERAL NOTES:**

1. REPLACING CEMENT CONCRETE PANELS SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICIATIONS 5-01.3(4) AND WSDOT STANDARD PLANS A-40.00, A-40.10, A-40.15, A-60.10

EXISTING VMS BRIDGE BASE

STA N 218+34.4

- 2. SPALL REPAIR LOCATIONS SHALL FIELD VERIFIED BY THE ENGINEER. PARTIAL DEPTH SPALL REPAIR AREAS SHALL BE REPAIRED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(5)
- 3. CEMENT CONCRETE PAVEMENT GRINDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(9). SEE SHEETS RS1-RS6 FOR ADDITIONAL GRINDING INFORMATION.
- 4. IF SOFT SUBGRADE IS IDENTIFIED DURING CONSTRUCTION AFTER PCCP PANEL REMOVAL. THE SOFT SUBGRADE SHALL BE OVER-EXCAVATED AND REPLACED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(4)D
- 5. SEE SHEET PRD1 FOR SUBGRADE REPAIR AND MINOR SURFACE PREPARATION DETAILS FOR FULL AND HALF PANEL REPLACEMENT.
- 6. THE CONTRACTOR SHALL REFERENCE EXISTING PAVEMENT MARKINGS PRIOR TO START OF ANY WORK ACTIVITIES.

	EXIST. BARRIER FACE		
·III-	EXIST. GUARDRAIL	0 A2 A4	PANEL ROW FROM OBJECT
:=======	EXIST. CONC. BARRIER		EXIST. JUNCTION BOX
- <i></i>	EXIST. WALL	кта НЖН	EXIST. CONTROLLER CABINET
CITIEII I	EXIST. BRIDGE	$\kappa + \pi$	EXISTI SOLUMOZZEK SABINZI
E3 56	EXIST. CATCH BASIN /	11 11	EXISTING CONCRETE PANEL
	GRATE INLET	$\boxtimes$	REPLACE CEMENT CONCRETE
$\bigcirc$	EXIST. MANHOLE		PANEL (FULL PANEL)
p B	EXIST. SIGN	Ø	REPLACE CEMENT CONCRETE PANEL (HALF PANEL)
→ — —	EXIST. SIGN BRIDGE	_	PARTIAL REPTIL CRALL REPAIR

**LEGEND** 

مرجر ج

EXIST. LOOPS

EXIST. LUMINAIRE

PARTIAL DEPTH SPALL REPAIR



50

SCALE IN FEET

Washington State Department of Transportation

---- EXIST. PAVEMENT MARKINGS ----- EXIST. PAVED SHOULDER

> I-5 DUWAMISH RIVER TO S LUCILE ST CONCRETE PAVEMENT REHAB & JOINTS

> > PANEL REPLACEMENT PLANS

PRP8 45 278 SHEETS

Plot 9

PLAN REF N

FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_15-1PRP.dgn					
TIME	7:53:37 AM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	10/27/2022					WASH	
PLOTTED BY	marc				יי ן	WASH	
DESIGNED BY	M. TAYLOR					IUMBER	
ENTERED BY	M. TAYLOR				22A	028	
CHECKED BY	Y. KUANG				CONTR	RACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON						
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			

DATE

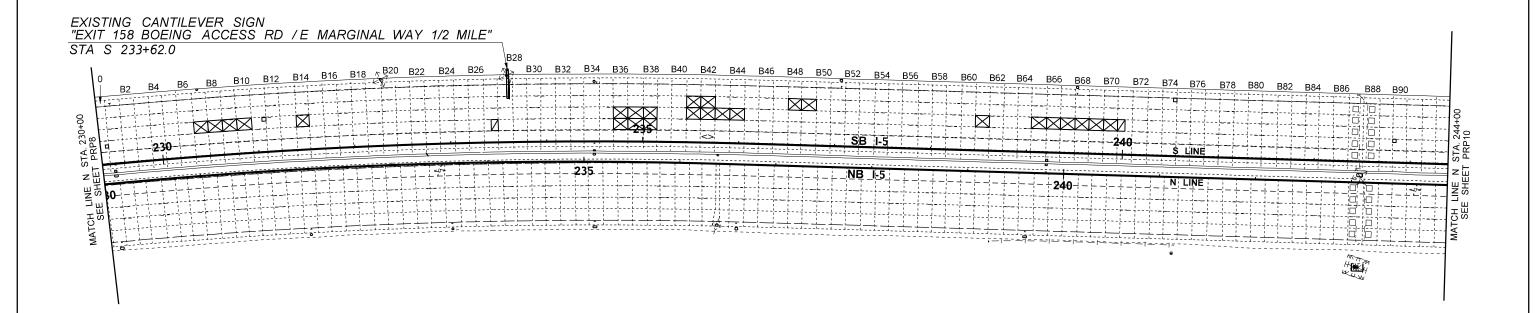
REPLACE CEMENT CONCRETE PANEL (FULL/HALF) SCHEDULE							
PANEL ROW NO.	NUMBER OF PANELS		OF		(**) REPAIR AREA	(***) TRAFFIC CONTROL	(****) CEMENT CONCRETE
	FULL	HALF	(S.Y.)	SHEET NO.	PANEL DEPTH		
B7 - B10	4	0	80	TC14	0.75'		
B14	1	0	20	TC14	0.75'		
B27	0	1	10	TC5	0.75'		
B36 - B38	6	0	120	TC14	0.75'		
B41 - B44	6	0	120	TC5 TC14	0.75'		
B48 - B49	2	0	40	TC5	0.75'		
B61	1	0	20	TC14	0.75'		
B65 - B71	6	1	130	TC14	0.75'		
	SU	BTOTAL	540 S.Y.				

PARTIAL DEPTH SPALL REPAIR SCHEDULE								
PANEL ROW SPALL REPAIR LOCATIONS (***)  NUMBER OF REPAIR AREA (S.Y.)  (***)  REPAIR AREA (CONTROL CONCRETE PANEL DEPT								
В0	1	1	TC5	0.75'				
B11	1	1	TC14	0.75'				
B74	1	1	TC4	0.75'				
B90	1	1	TC5	0.75'				
	SUBTOTAL	SUBTOTAL 4 S.Y.						

(\*\*) FOR INFORMATION ONLY.

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(\*\*\*\*) LISTED PANEL DEPTHS ARE FOR INFORMATION ONLY. IF THE EXISTING PANEL IS THICKER THAN 0.75', THE REPLACED PANEL SHALL MATCH THE EXISTING PANEL DEPTH.



# **GENERAL NOTES:**

- 1. REPLACING CEMENT CONCRETE PANELS SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICIATIONS 5-01.3(4) AND WSDOT STANDARD PLANS A-40.00, A-40.10, A-40.15, A-60.10
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- 3. CEMENT CONCRETE PAVEMENT GRINDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(9). SEE SHEETS RS1-RS6 FOR ADDITIONAL GRINDING INFORMATION.
- 4. IF SOFT SUBGRADE IS IDENTIFIED DURING CONSTRUCTION AFTER PCCP PANEL REMOVAL, THE SOFT SUBGRADE SHALL BE OVER-EXCAVATED AND REPLACED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(4)D
- 5. SEE SHEET PRD1 FOR SUBGRADE REPAIR AND MINOR SURFACE PREPARATION DETAILS FOR FULL AND HALF PANEL REPLACEMENT.
- 6. THE CONTRACTOR SHALL REFERENCE EXISTING PAVEMENT MARKINGS PRIOR TO START OF ANY WORK ACTIVITIES.

_		
Ō	50	100
	SCALE IN	FEET

	LEGEND							
	EXIST. PAVEMENT MARKINGS EXIST. PAVED SHOULDER EXIST. BARRIER FACE EXIST. GUARDRAIL EXIST. CONC. BARRIER EXIST. WALL EXIST. BRIDGE EXIST. CATCH BASIN / GRATE INLET	0 A2 A4	EXIST. LOOPS  EXIST. LUMINAIRE  PANEL ROW FROM OBJECT  EXIST. JUNCTION BOX  EXIST. CONTROLLER CABINET  EXISTING CONCRETE PANEL  REPLACE CEMENT CONCRETE  PANEL (FULL PANEL)					
p β ⇒ — –		<u></u>	REPLACE CEMENT CONCRETE PANEL (HALF PANEL) PARTIAL DEPTH SPALL REPAIR					

FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_15-1PRP.dgn						
TIME	8:10:56 AM				REGION NO.	STATE	FED.AID PROJ.NO.	ANDED
DATE	10/27/2022					WASH		NASHIA DA
PLOTTED BY	marc				יי ן	WASH		<b>  V</b>
DESIGNED BY	M. TAYLOR					IUMBER		
ENTERED BY	M. TAYLOR				22A	.028		20122109
CHECKED BY	Y. KUANG				CONTR	RACT NO.	LOCATION NO.	STONAL ES
PROJ. ENGR.	C. ANDERSON				1			SEE SHEET CT1  DATE
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY				P.E. STAMP BOX



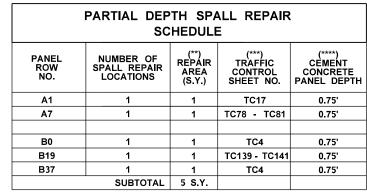


	Plot 10
I-5	PLAN REF NO
DUWAMISH RIVER TO S LUCILE ST	PRP9
CONCRETE PAVEMENT REHAB & JOINTS	sнеет <b>46</b> of

PANEL REPLACEMENT PLANS

REPLACE CEMENT CONCRETE PANEL (FULL/HALF) SCHEDULE						
PANEL ROW NO.	C	IBER )F IELS	(**) REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.	(****) CEMENT CONCRETE PANEL DEPTH	
	FULL	HALF	(3.1.)	SHEET NO.	FANEL DEFIN	
A0 - A1	0	2	20	TC78 - TC81	0.75'	
B4	0	1	10	TC4	0.75'	
B12	1	0	20	TC14	0.75'	
B22 - B23	3	3	90	TC139 - TC141	0.75'	
B28	0	1	10	TC4	0.75'	
B30 - B32	0	3	30	TC4	0.75'	
	SL	IBTOTAL	180 S.Y.			

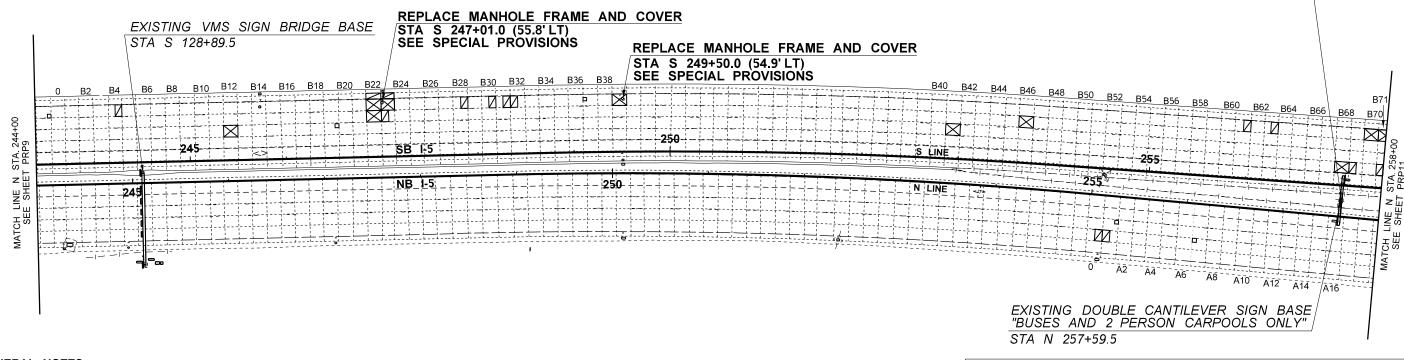
REPLACE CEMENT CONCRETE PANEL (FULL/HALF) SCHEDULE						
PANEL ROW NO.	PAN	IBER OF IELS	(**) REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.	(****) CEMENT CONCRETE PANEL DEPTH	
	FULL	HALF	(3.1.)	SHEET NO.	FANEL DEFIN	
B39	1	0	20	TC14	0.75'	
B41	1	0	20	TC14	0.75'	
B46	1	0	20	TC139 - TC141	0.75'	
B61	0	1	10	TC7	0.75'	
B63	0	1	10	TC7	0.75'	
B68 - B71	3	2	80	TC7, TC10	0.75'	
	SU	BTOTAL	160 S.Y.			





- FOR INFORMATION ONLY.
- (\*\*\*) THESE ARE SUGGESTED REFERENCED TRAFFIC CONTROL SHEETS.
  ALTERNATIVE OR ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED BEYOND THAT SHOWN ON THE REFERENCED TRAFFIC CONTROL SHEETS.
- (\*\*\*\*) LISTED PANEL DEPTHS ARE FOR INFORMATION ONLY. IF THE EXISTING PANEL IS THICKER THAN 0.75', THE REPLACED PANEL SHALL MATCH THE EXISTING PANEL DEPTH.

EXISTING DOUBLE CANTILEVER SIGN BASE "BUSES AND 2 PERSON CARPOOLS ONLY" STA S 257+01.4

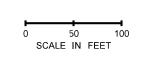


# **GENERAL NOTES:**

REGIONAL ADM. B. NIELSEN

- 1. REPLACING CEMENT CONCRETE PANELS SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICIATIONS 5-01.3(4) AND WSDOT STANDARD PLANS A-40.00, A-40.10, A-40.15, A-60.10
- 2. SPALL REPAIR LOCATIONS SHALL FIELD VERIFIED BY THE ENGINEER. PARTIAL DEPTH SPALL REPAIR AREAS SHALL BE REPAIRED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(5)
- 3. CEMENT CONCRETE PAVEMENT GRINDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(9). SEE SHEETS RS1-RS6 FOR ADDITIONAL GRINDING INFORMATION.
- 4. IF SOFT SUBGRADE IS IDENTIFIED DURING CONSTRUCTION AFTER PCCP PANEL REMOVAL, THE SOFT SUBGRADE SHALL BE OVER-EXCAVATED AND REPLACED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(4)D
- 5. SEE SHEET PRD1 FOR SUBGRADE REPAIR AND MINOR SURFACE PREPARATION DETAILS FOR FULL AND HALF PANEL REPLACEMENT.
- 6. THE CONTRACTOR SHALL REFERENCE EXISTING PAVEMENT MARKINGS PRIOR TO START OF ANY WORK ACTIVITIES.

QUANTITY - THIS SHEET ONLY UNIT QUANTITY ITEM REPLACE MANHOLE FRAME AND COVER EACH



	LEGEND							
	EXIST. PAVEMENT MARKINGS	ممرو	EXIST. LOOPS					
	EXIST. PAVED SHOULDER EXIST. BARRIER FACE	o <u>&gt;</u>	EXIST. LUMINAIRE					
-11-	EXIST. GUARDRAIL	0 A2 A4	PANEL ROW FROM OBJECT					
:=======	EXIST. CONC. BARRIER		EXIST. JUNCTION BOX					
- <i></i>	EXIST. WALL	ктя НЖН	EXIST. CONTROLLER CABINET					
U	EXIST. BRIDGE	     T						
[3 pg	EXIST. CATCH BASIN / GRATE INLET	<u> </u>	EXISTING CONCRETE PANEL REPLACE CEMENT CONCRETE					
	EXIST. MANHOLE		PANEL (FULL PANEL)					
þ þ	EXIST. SIGN		REPLACE CEMENT CONCRETE PANEL (HALF PANEL)					
→ — —	EXIST. SIGN BRIDGE		PARTIAL DEPTH SPALL REPAIR					

FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_15-1PRP.dgn				
TIME	7:53:43 AM			REGION NO.	STATE	FED.AID PROJ.NO.
DATE	10/27/2022				WASH	
PLOTTED BY	marc			10	WASH	
DESIGNED BY	M. TAYLOR			JOB N		
ENTERED BY	M. TAYLOR			22A	028	
CHECKED BY	Y. KUANG			CONTR	ACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON					

REVISION

DATE BY





DATE

I-5							
DUWAMISH RIVER TO S LUCILE ST	PRP10						
CONCRETE PAVEMENT REHAB & JOINTS	sнеет <b>47</b>						

47 278 SHEETS PANEL REPLACEMENT PLANS

Plot 11

REPLACE CEMENT CONCRETE PANEL (FULL/HALF) SCHEDULE												
PANEL ROW NO.    NUMBER OF REPAIR TRAFFIC CEMENT AREA CONTROL CONCRETE (S.Y.) SHEET NO. PANEL DEPT												
	FULL	HALF	(3.1.)	SHEET NO.	TANCE DEI III							
В0	1	0	20	TC7, TC10	0.75'							
B2 - B3	0	2	20	TC7	0.75'							
B9 - B10	0	2	20	TC7	0.75'							
B22	0	1	10	TC7	0.75'							
B26	0	1	10	TC7	0.75'							
B29	0	1	10	TC7	0.75'							
B37	0	1	10	TC7	0.75'							
	SI	IRTOTAL	100 S Y									

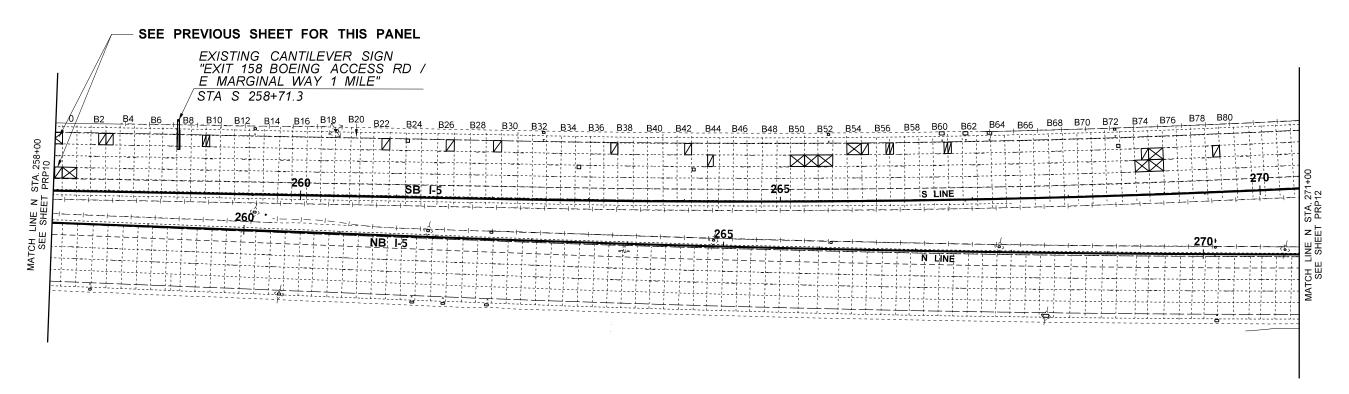
PANEL (FULL/HALF) SCHEDULE											
PANEL ROW NO.	NUMBER OF PANELS		(**) REPAIR AREA	(***) TRAFFIC CONTROL	(****) CEMENT CONCRETE						
	FULL	HALF	(S.Y.)	SHEET NO.	PANEL DEPTH						
B42	0	1	10	TC7	0.75'						
B44	0	1	10	TC139 - TC141	0.75'						
B50 - B52	3	0	60	TC139 - TC141	0.75'						
B54 - B57	1	3	50	TC7	0.75'						
B60 - B61	0	2	20	TC7	0.75'						
B74 - B75	3	1	70	TC139- TC141 TC14	0.75'						
B79	0	1	10	TC139 - TC141	0.75'						
	SUBTOTAL 230 S.Y.										

REPLACE CEMENT CONCRETE

	PARTIAL DEPTH SPALL REPAIR SCHEDULE												
PANEL ROW NO.	NUMBER OF SPALL REPAIR LOCATIONS	(**) REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.	(****) CEMENT CONCRETE PANEL DEPTH									
B24	1	1	TC3	0.75'									
B35	1	1	TC139- TC141	0.75'									
B43	1	1	TC139 - TC141	0.75'									
B72	1	1	TC7	0.75'									
	SUBTOTAL	4 S.Y.											

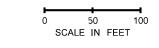


- (\*\*) FOR INFORMATION ONLY.
- (\*\*\*) THESE ARE SUGGESTED REFERENCED TRAFFIC CONTROL SHEETS.
  ALTERNATIVE OR ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED BEYOND THAT SHOWN ON THE REFERENCED TRAFFIC CONTROL SHEETS.
- (\*\*\*\*) LISTED PANEL DEPTHS ARE FOR INFORMATION ONLY. IF THE EXISTING PANEL IS THICKER THAN 0.75', THE REPLACED PANEL SHALL MATCH THE EXISTING PANEL DEPTH.



### **GENERAL NOTES:**

- 1. REPLACING CEMENT CONCRETE PANELS SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICIATIONS 5-01.3(4) AND WSDOT STANDARD PLANS A-40.00, A-40.10, A-40.15, A-60.10
- 2. SPALL REPAIR LOCATIONS SHALL FIELD VERIFIED BY THE ENGINEER. PARTIAL DEPTH SPALL REPAIR AREAS SHALL BE REPAIRED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(5)
- 3. CEMENT CONCRETE PAVEMENT GRINDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(9). SEE SHEETS RS1-RS6 FOR ADDITIONAL GRINDING INFORMATION.
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- 5. SEE SHEET PRD1 FOR SUBGRADE REPAIR AND MINOR SURFACE PREPARATION DETAILS FOR FULL AND HALF PANEL REPLACEMENT.
- 6. THE CONTRACTOR SHALL REFERENCE EXISTING PAVEMENT MARKINGS PRIOR TO START OF ANY WORK ACTIVITIES.



	LEGEND										
	EXIST. PAVEMENT MARKINGS EXIST. PAVED SHOULDER EXIST. BARRIER FACE EXIST. GUARDRAIL EXIST. CONC. BARRIER EXIST. WALL EXIST. BRIDGE EXIST. CATCH BASIN /	□□□□ ○>-0 A2 A4区 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图	EXIST. LOOPS  EXIST. LUMINAIRE  PANEL ROW FROM OBJECT  EXIST. JUNCTION BOX  EXIST. CONTROLLER CABINET  EXISTING CONCRETE PANEL								
þ þ ⇔ — —	GRATE INLET EXIST. MANHOLE EXIST. SIGN EXIST. SIGN BRIDGE	⊠ Ø □	REPLACE CEMENT CONCRETE PANEL (FULL PANEL) REPLACE CEMENT CONCRETE PANEL (HALF PANEL) PARTIAL DEPTH SPALL REPAIR								

FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_15-1PRP.dgn								
TIME	7:53:46 AM				REGION STATE	FED.AID PROJ.NO.	EN ANDEA			l-5
DATE	10/27/2022				10 WASH		NASHIN DA			
PLOTTED BY	marc				I IU WASI					DUWAMISH RIVER
DESIGNED BY	M. TAYLOR				JOB NUMBER				Washington State	CONCRETE PAVEMEN
ENTERED BY	M. TAYLOR				22A028		20122109		3	
CHECKED BY	Y. KUANG				CONTRACT NO.	LOCATION NO.	SSIONAL ENGINEERS		Department of Transportation	
PROJ. ENGR.	C. ANDERSON						SEE SHEET CT1  DATE	——————————————————————————————————————		PANEL REPLACE
REGIONAL ADM.	. B. NIELSEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX		



278 SHEETS CEMENT PLANS

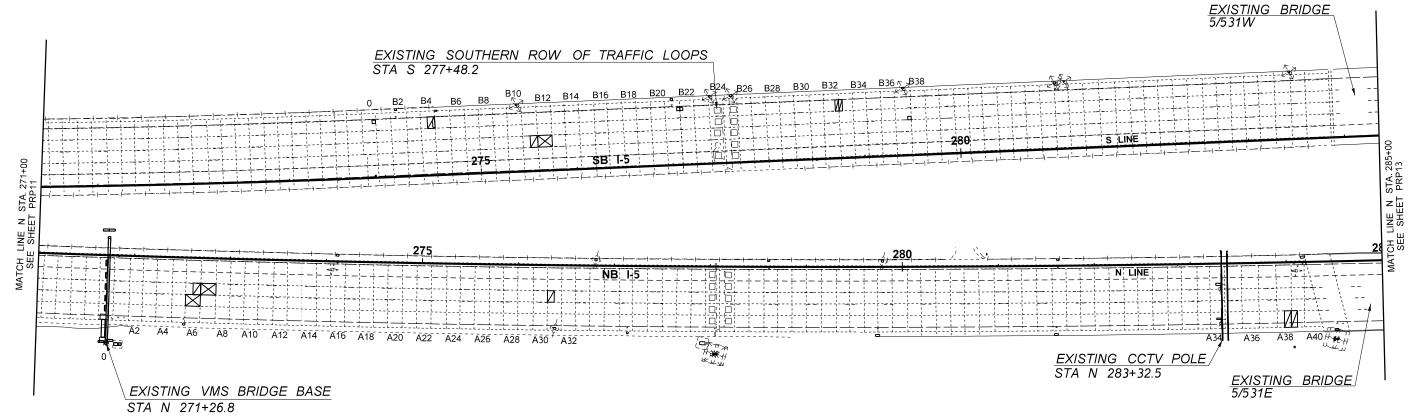
Plot 12

PLAN REF NO PRP11

REPLACE CEMENT CONCRETE PANEL (FULL/HALF) SCHEDULE												
PANEL OF REPAIR TRAFFIC CEMENT AREA CONTROL CONCRETE (S.Y.) SHEET NO. PANEL DEPTH												
	FULL HALF (5.1.) SHEET NO. PANEL DEPTH											
A6 - A7	2	1	50	TC78 - TC81, TC14	0.75'							
A31	0	1	10	TC14	0.75'							
A38 - A39	0	2	20	TC78 - TC81	0.83'							
B4	0	1	10	TC142 - TC145	0.75'							
B11 - B12	1	1	30	TC14	0.75'							
B32 - B33	0	2	20	TC142 - TC145	0.75'							
	SU	BTOTAL	140 S.Y.									

PARTIAL DEPTH SPALL REPAIR SCHEDULE											
PANEL ROW NO.	NUMBER OF SPALL REPAIR LOCATIONS	(**) REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.	(****) CEMENT CONCRETE PANEL DEPTH							
В0	1	1	TC3	0.75'							
B21 - B22	2	2	TC3	0.75'							
B37	1	1	TC142 - TC145	0.75'							
	SUBTOTAL	4 S.Y.									

- (\*\*) FOR INFORMATION ONLY.
- THESE ARE SUGGESTED REFERENCED TRAFFIC CONTROL SHEETS.
  ALTERNATIVE OR ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED BEYOND THAT SHOWN ON THE REFERENCED TRAFFIC CONTROL SHEETS.
- \*\*) LISTED PANEL DEPTHS ARE FOR INFORMATION ONLY. IF THE EXISTING PANEL IS THICKER THAN 0.75', THE REPLACED PANEL SHALL MATCH THE EXISTING PANEL DEPTH.



- 1. REPLACING CEMENT CONCRETE PANELS SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICIATIONS 5-01.3(4) AND WSDOT STANDARD PLANS A-40.00, A-40.10, A-40.15, A-60.10
- 2. SPALL REPAII REPAIR AREA
- 3. CEMENT CON STANDARD S
- 4. IF SOFT SUB THE SOFT SI STANDARD S
- 5. SEE SHEET I
- 6. THE CONTRA START OF A

T PRD1 FOR SUBGRADE REPAIR AND MINOR SURFACE PREPARATION DETAILS AND HALF PANEL REPLACEMENT.  RACTOR SHALL REFERENCE EXISTING PAVEMENT MARKINGS PRIOR TO ANY WORK ACTIVITIES.  T:412348\XL6106 - I-5 Lucile South\CAD\ContractPlans\XL6106_PS_15-1PRP.dgn	0 50 100 SCALE IN FEET	EXIST. CATCH BASIN / GRATE INLET  EXIST. MANHOLE	REPLACE CEMENT CONCRETE PANEL (FULL PANEL) REPLACE CEMENT CONCRETE PANEL (HALF PANEL) PARTIAL DEPTH SPALL REPAIR  Plot 13
SUBGRADE IS IDENTIFIED DURING CONSTRUCTION AFTER PCCP PANEL REMOVAL, SUBGRADE SHALL BE OVER-EXCAVATED AND REPLACED IN ACCORDANCE WITH WSDOT D SPECIFICATION 5-01.3(4)D			EXIST. CONTROLLER CABINET  EXISTING CONCRETE PANEL  REPLACE CEMENT CONCRETE
PAIR LOCATIONS SHALL FIELD VERIFIED BY THE ENGINEER. PARTIAL DEPTH SPALL REAS SHALL BE REPAIRED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(5) CONCRETE PAVEMENT GRINDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT OF SPECIFICATION 5-01.3(9). SEE SHEETS RS1-RS6 FOR ADDITIONAL GRINDING INFORMATION.		EXIST. BARRIER FACE  EXIST. GUARDRAIL  EXIST. CONC. BARRIER	O
DAID LOCATIONS COLOUR FIELD MEDICINE BY THE ENGINEER PARTIES PROTEIN PERTIL OR ALL		EXIST. PAVED SHOULDER	· > <

**LEGEND** 

EXIST. PAVEMENT MARKINGS

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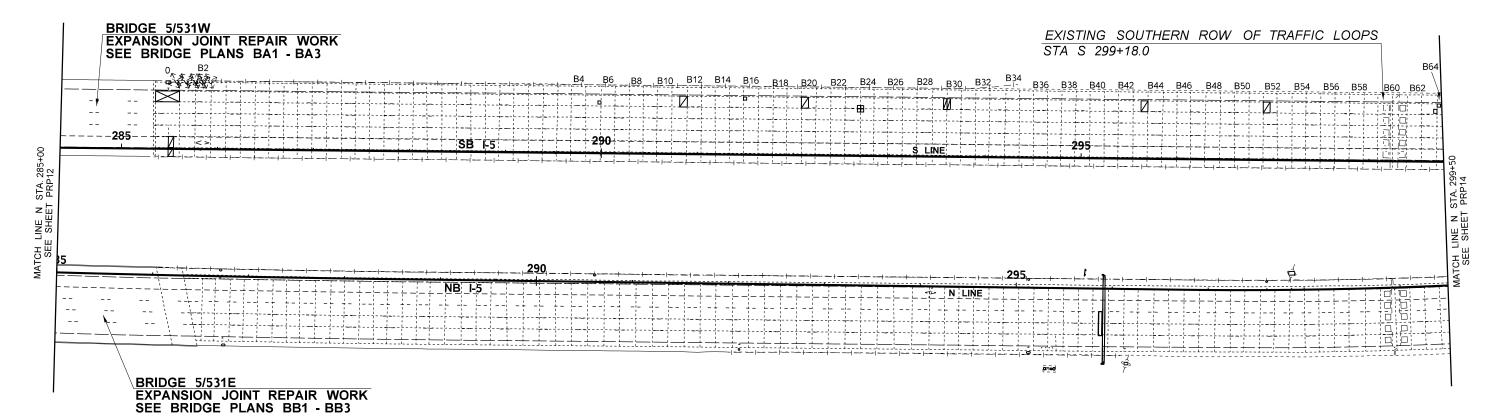
EXIST. LOOPS

""""	. ,									
FILE NAME	T:\412348\XL6106 - I-5 Luclie South\CAD\ContractPlans\XL6106_PS_15-1PRP.dgn									Plot 13
TIME	7:53:49 AM			REGION STATE	FED.AID PROJ.NO.	ANDE			I-5	PLAN REF NO
DATE	10/27/2022			10 WASH		A A SHIP OF THE SH				PRP12
PLOTTED BY	marc			IU WASI	]				DUWAMISH RIVER TO S LUCILE ST	1 131 12
DESIGNED BY	M. TAYLOR			JOB NUMBER				Washington State	CONCRETE PAVEMENT REHAB & JOINTS	SHEET
ENTERED BY	M. TAYLOR			22A028		20122109				49
CHECKED BY	Y. KUANG			CONTRACT NO.	LOCATION NO.	SSIONAL EXC		Department of Transportation		OF OF
PROJ. ENGR.	C. ANDERSON					SEE SHEET CT1	DATE		PANEL REPLACEMENT PLANS	278 SHEETS
REGIONAL ADM.	B. NIELSEN REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			0

REPLACE CEMENT CONCRETE PANEL (FULL/HALF) SCHEDULE											
PANEL ROW NO.	C	BER F IELS HALF	(**) REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.	(****) CEMENT CONCRETE PANEL DEPTH						
В0	1	2	40	TC142 - TC145	0.75'						
БО			40	10142 - 10145	0.75						
B11	0	1	10	TC142 - TC145	0.75'						
B20	0	1	10	TC142 - TC145	0.75'						
B29 - B30	0	2	20	TC142 - TC145	0.75'						
B43	0	1	10	TC142 - TC145	0.75'						
B52	0	1	10	TC142 - TC145	0.75'						
SUBTOTAL 100 S.Y.											

PARTIAL DEPTH SPALL REPAIR SCHEDULE						
PANEL ROW NO.	NUMBER OF SPALL REPAIR LOCATIONS	(**) REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.	(****) CEMENT CONCRETE PANEL DEPTH		
B5	1	1	TC142 - TC145	0.75'		
B16	1	1	TC142 - TC145	0.75'		
B23 - B24	4	4	TC142 - TC145	0.75'		
B63 - B64	2	2	TC142 - TC145	0.75'		
	SUBTOTAL	8 S.Y.				

- (\*\*) FOR INFORMATION ONLY.
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- (\*\*\*\*) LISTED PANEL DEPTHS ARE FOR INFORMATION ONLY. IF THE EXISTING PANEL IS THICKER THAN 0.75', THE REPLACED PANEL SHALL MATCH THE EXISTING PANEL DEPTH.



- 1. REPLACING CEMENT CONCRETE PANELS SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICIATIONS 5-01.3(4) AND WSDOT STANDARD PLANS A-40.00, A-40.10, A-40.15, A-60.10
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- 3. CEMENT CONCRETE PAVEMENT GRINDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(9). SEE SHEETS RS1-RS6 FOR ADDITIONAL GRINDING INFORMATION.
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- 5. SEE SHEET PRD1 FOR SUBGRADE REPAIR AND MINOR SURFACE PREPARATION DETAILS FOR FULL AND HALF PANEL REPLACEMENT.
- 6. THE CONTRACTOR SHALL REFERENCE EXISTING PAVEMENT MARKINGS PRIOR TO START OF ANY WORK ACTIVITIES.

0	50	100
	SCALE IN	FEET

LEGEND						
	EXIST. PAVEMENT MARKINGS EXIST. PAVED SHOULDER EXIST. BARRIER FACE EXIST. GUARDRAIL EXIST. CONC. BARRIER EXIST. WALL EXIST. BRIDGE EXIST. CATCH BASIN / GRATE INLET EXIST. MANHOLE EXIST. SIGN EXIST. SIGN BRIDGE	0 A2 A4	EXIST. LOOPS  EXIST. LUMINAIRE  PANEL ROW FROM OBJECT  EXIST. JUNCTION BOX  EXIST. CONTROLLER CABINET  EXISTING CONCRETE PANEL  REPLACE CEMENT CONCRETE  PANEL (FULL PANEL)  REPLACE CEMENT CONCRETE  PANEL (HALF PANEL)  PARTIAL DEPTH SPALL REPAIR			

FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_15-1PRP.dgn						Γ
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DATE	10/27/2022					WASH		l
PLOTTED BY	marc				10	WASH		Ŀ
DESIGNED BY	M. TAYLOR				JOB N			1
ENTERED BY	M. TAYLOR				22A	028		1
CHECKED BY	Y. KUANG				CONTR	ACT NO.	LOCATION NO.	ľ
PROJ. ENGR.	C. ANDERSON							l
REGIONAL ADM	R NIFLSEN	REVISION	DATE	RY				L





DATE

I-5					
DUWAMIS	SH RIV	ER TC	S	LUCI	LE ST
ONCRETE	PAVEN	/IENT	REHA	AB &	JOINTS

Plot 14
PLAN REF NO
PRP13

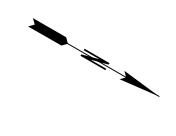
SHEET 50

PANEL REPLACEMENT PLANS	
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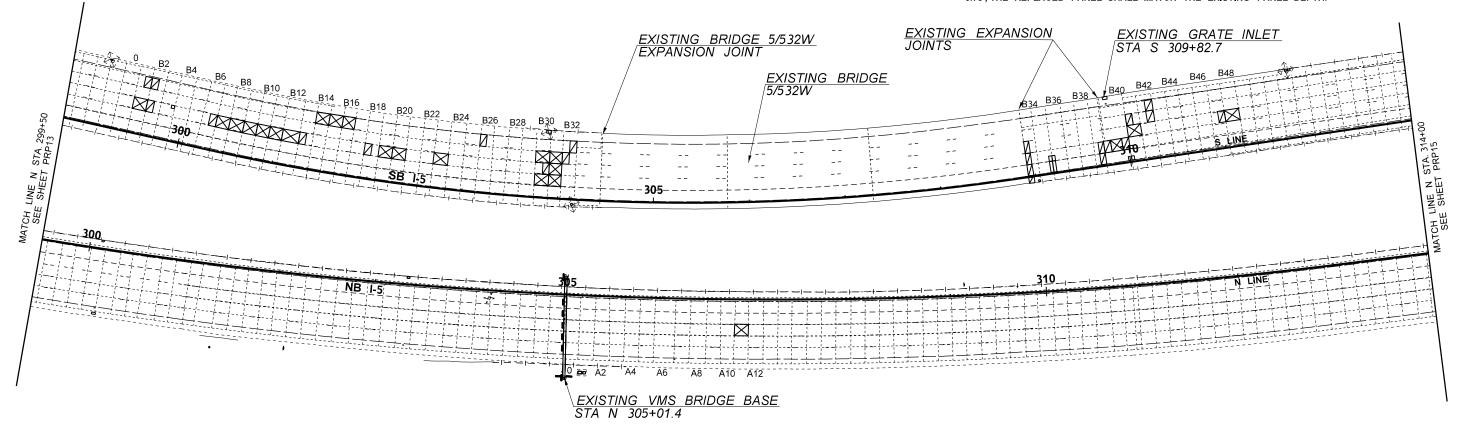
REPLACE CEMENT CONCRETE PANEL (FULL/HALF) SCHEDULE					
PANEL ROW NO.	C	JMBER (**) OF REPAIR ANELS AREA (S.Y.)		(***) TRAFFIC CONTROL SHEET NO.	(****) CEMENT CONCRETE PANEL DEPTH
		HALF		=0.40	
A11	1	0	20	TC19	0.75'
B1 - B2	1	3	50	TC142 - TC145 TC15	0.75'
B6 - B16	9	2	200	TC142 - TC145, TC15	0.75'
B18 - B20	2	1	50	TC15	0.75'
B23	1	0	20	TC15	0.75'
	SL	BTOTAL	340 S.Y.		

REPLACE CEMENT CONCRETE PANEL (FULL/HALF) SCHEDULE						
PANEL ROW NO.	PAN	IBER OF IELS	(**) REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.	(****) CEMENT CONCRETE PANEL DEPTH	
	FULL	HALF	(0,	011221 1101	TANLE DEI II	
B26	0	1	10	TC142 - TC145	0.75'	
B30 - B32	5	3	130	TC142 - TC145 TC15	0.75'	
B34	0	4	40	TC15	0.75'	
B39 - B42	2	7	110	TC142 - TC145 TC15	0.75'	
B47 - B48	1	1	30	TC15	0.75'	
	SU	BTOTAL	320 S.Y.			

PARTIAL DEPTH SPALL REPAIR SCHEDULE						
PANEL NUMBER OF SPALL REPAIR AREA (S.Y.)  NO. CATIONS  (**)  REPAIR TRAFFIC CENTROL SHEET NO. PANEL						
В3	1	1	TC15	0.75'		
B35 - B36	4	4	TC7	0.75'		
B40 - B41	3	3	TC7	0.75'		
	SUBTOTAL	8 S.Y.				



- (\*\*) FOR INFORMATION ONLY.
- (\*\*\*) THESE ARE SUGGESTED REFERENCED TRAFFIC CONTROL SHEETS.
  ALTERNATIVE OR ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED BEYOND THAT SHOWN ON THE REFERENCED TRAFFIC CONTROL SHEETS.
- (\*\*\*\*) LISTED PANEL DEPTHS ARE FOR INFORMATION ONLY. IF THE EXISTING PANEL IS THICKER THAN 0.75', THE REPLACED PANEL SHALL MATCH THE EXISTING PANEL DEPTH.



- 1. REPLACING CEMENT CONCRETE PANELS SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICIATIONS 5-01.3(4) AND WSDOT STANDARD PLANS A-40.00, A-40.10, A-40.15, A-60.10
- 2. SPALL REPAIR LOCATIONS SHALL FIELD VERIFIED BY THE ENGINEER. PARTIAL DEPTH SPALL REPAIR AREAS SHALL BE REPAIRED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(5)
- 3. CEMENT CONCRETE PAVEMENT GRINDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(9). SEE SHEETS RS1-RS6 FOR ADDITIONAL GRINDING INFORMATION.
- 4. IF SOFT SUBGRADE IS IDENTIFIED DURING CONSTRUCTION AFTER PCCP PANEL REMOVAL, THE SOFT SUBGRADE SHALL BE OVER-EXCAVATED AND REPLACED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(4)D
- SEE SHEET PRD1 FOR SUBGRADE REPAIR AND MINOR SURFACE PREPARATION DETAILS FOR FULL AND HALF PANEL REPLACEMENT.
- 6. THE CONTRACTOR SHALL REFERENCE EXISTING PAVEMENT MARKINGS PRIOR TO START OF ANY WORK ACTIVITIES.

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LEGEND					
EXIST. PAVEMENT MARKINGS  EXIST. PAVED SHOULDER  EXIST. BARRIER FACE  EXIST. GUARDRAIL	0 A2 A4	EXIST. LOOPS  EXIST. LUMINAIRE  PANEL ROW FROM OBJECT  EXIST. JUNCTION BOX  EXIST. CONTROLLER CABINET  EXISTING CONCRETE PANEL  REPLACE CEMENT CONCRETE  PANEL (FULL PANEL)  REPLACE CEMENT CONCRETE  PANEL (HALF PANEL)  PARTIAL DEPTH SPALL REPAIR			

FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_15-1PRP.dgn						ı
TIME	7:53:54 AM				REGION NO.	STATE	FED.AID PROJ.NO.	1
DATE	10/27/2022					WASH		ı
PLOTTED BY	marc				10	WASH		Ŀ
DESIGNED BY	M. TAYLOR					UMBER		1
ENTERED BY	M. TAYLOR				22A	028		ľ
CHECKED BY	Y. KUANG				CONTR	ACT NO.	LOCATION NO.	ľ
PROJ. ENGR.	C. ANDERSON							ı
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY				ı





DATE

I-5						
I-5 DUWAMISH RIVER TO S LUCILE ST						
CONCRETE PAVEMENT REHAB & JOINTS	I					

Plot 15 PLAN REF NO PRP14

51

278 SHEETS

PANEL REPLACEMENT PLANS

	PANEL ROW NO.	NUMBER OF PANELS		(**) REPAIR AREA	(***) TRAFFIC CONTROL SHEET NO.	(****) CEMENT CONCRETE PANEL DEPTH		
L		FULL	HALF	(S.Y.)	SHEET NO.	PANEL DEPIN		
	A3	1	0	20	TC82 - TC45	0.75'		
	B1	1	0	20	TC146 - TC150	0.75'		
	В3	1	0	20	TC146 - TC150	0.75'		
	B18 - B19	1	1	30	TC146 - TC150	0.75'		
	B51	1	0	20	TC146 - TC150	0.75'		
	B70 - B73	3	1	70	TC146 - TC150	0.75'		
	B83 - B84	B83 - B84 0 2		20	TC15	0.75'		
SUBTOTAL			200 S.Y.					

# PARTIAL DEPTH SPALL REPAIR SCHEDULE

SCHEDULE								
PANEL NUMBER OF SPALL REPAIR LOCATIONS		(**) REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.	(****) CEMENT CONCRETE PANEL DEPTH				
B14	1	1	TC11	0.75'				
B32	1	1	TC146 - TC150	0.75'				
B36	1	1	TC146 - TC150	0.75'				
B45	1	1	TC146 - TC150	0.75'				
B52	1	1	TC146 - TC150	0.75'				
B63 1		1	TC146 - TC150	0.75'				
	SUBTOTAL	6 S.Y.						

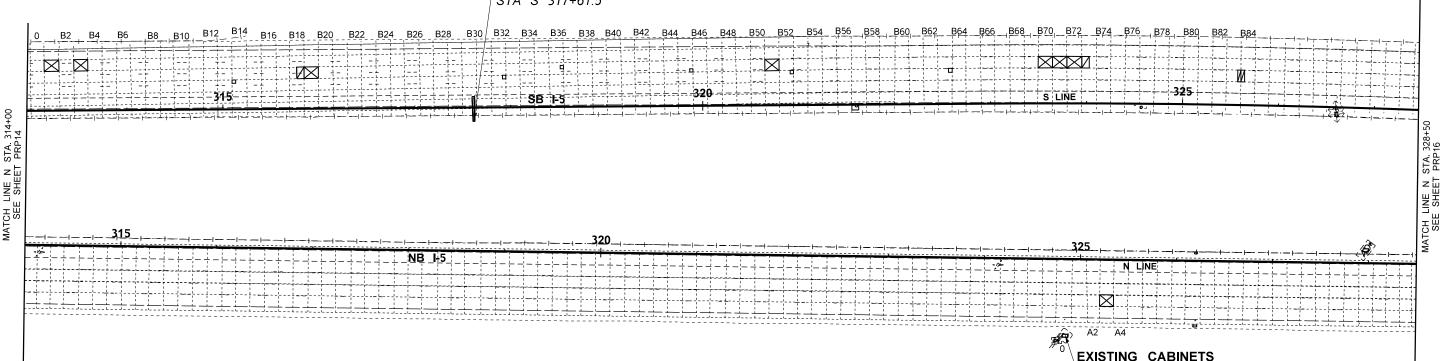




(\*\*\*\*) LISTED PANEL DEPTHS ARE FOR INFORMATION ONLY. IF THE EXISTING PANEL IS THICKER THAN 0.75', THE REPLACED PANEL SHALL MATCH THE EXISTING PANEL DEPTH.

BASE OF EXISTING CANTILEVER SIGN "HOV AND 2 PERSON CARPOOLS ONLY"

STA S 317+61.5



# GENERAL NOTES:

- 1. REPLACING CEMENT CONCRETE PANELS SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICIATIONS 5-01.3(4) AND WSDOT STANDARD PLANS A-40.00, A-40.10, A-40.15, A-60.10
- 2. SPALL REPAIR LOCATIONS SHALL FIELD VERIFIED BY THE ENGINEER. PARTIAL DEPTH SPALL REPAIR AREAS SHALL BE REPAIRED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(5)
- 3. CEMENT CONCRETE PAVEMENT GRINDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(9). SEE SHEETS RS1-RS6 FOR ADDITIONAL GRINDING INFORMATION.
- 4. IF SOFT SUBGRADE IS IDENTIFIED DURING CONSTRUCTION AFTER PCCP PANEL REMOVAL, THE SOFT SUBGRADE SHALL BE OVER-EXCAVATED AND REPLACED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(4)D
- 5. SEE SHEET PRD1 FOR SUBGRADE REPAIR AND MINOR SURFACE PREPARATION DETAILS FOR FULL AND HALF PANEL REPLACEMENT.
- 6. THE CONTRACTOR SHALL REFERENCE EXISTING PAVEMENT MARKINGS PRIOR TO START OF ANY WORK ACTIVITIES.

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#### **LEGEND** مرير و EXIST. LOOPS ---- EXIST. PAVEMENT MARKINGS EXIST. PAVED SHOULDER EXIST. LUMINAIRE EXIST BARRIER FACE 0 A2 A4 PANEL ROW FROM OBJECT I---I- EXIST. GUARDRAIL ====== EXIST. CONC. BARRIER 🔀 🔀 🄝 EXIST. JUNCTION BOX EXIST. WALL EXIST. CONTROLLER CABINET EXIST. BRIDGE **EXISTING CONCRETE PANEL** EXIST. CATCH BASIN / GRATE INLET [] 50 REPLACE CEMENT CONCRETE PANEL (FULL PANEL) $\boxtimes$ 1 EXIST, MANHOLE REPLACE CEMENT CONCRETE þ þ EXIST. SIGN PANEL (HALF PANEL) EXIST. SIGN BRIDGE PARTIAL DEPTH SPALL REPAIR

STA N 324+85.1

FILE NAME	T:\412348\XL6106 - I-5 Lucile South\CAD\ContractPlans\XL6106_PS_15-1PRP.dgn									
TIME	7:53:57 AM				REGION NO.	STATE	FED.AID PROJ.NO.			
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PLOTTED BY	marc				10	WASH				
DESIGNED BY	M. TAYLOR					UMBER				
ENTERED BY	M. TAYLOR				22A	.028				
CHECKED BY	Y. KUANG				CONTR	ACT NO.	LOCATION NO.			
PROJ. ENGR.	C. ANDERSON									
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY						





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DUWAMISH	RIVER	TO S	LUCIL	E ST
DUWAMISH CONCRETE P	AVEMEN	IT REH	AB &	JOINTS

I-5

52 of 278 sheets

Plot 16

PLAN REF NO PRP15

#### REPLACE CEMENT CONCRETE PANEL (FULL/HALF) **SCHEDULE** NUMBER (\*\*) REPAIR (\*\*\*) TRAFFIC CONTROL (\*\*\*\*) CEMENT CONCRETE PANEL DEPTH PANEL PANELS AREA FULL HALF Α5 20 TC47 - TC48 0.83' TC47 - TC48 Α8 1 0 20 0.83' B0 0 20 TC146 - TC150 0.75' B5 - B6 0 2 20 TC15 0.75' B16 - B17 2 0 40 TC151 - TC153 0.75' B34 - B36 7 270 TC151 - TC153 TC15

390 S.Y.

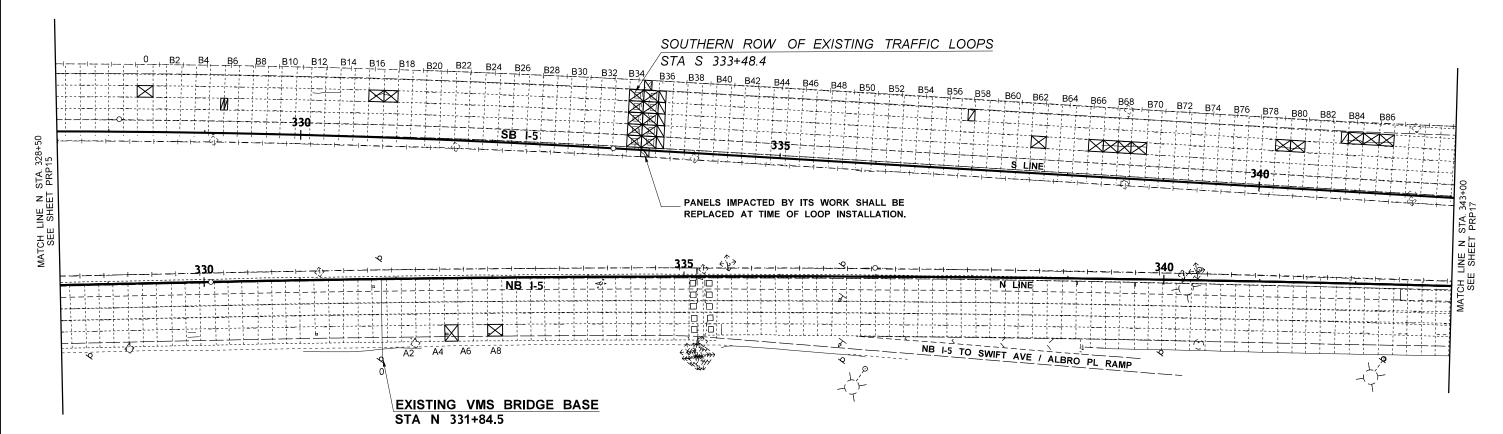
SUBTOTAL

SCHEDULE							
PANEL ROW NO.	NUMBER OF PANELS		(**) REPAIR AREA	(***) TRAFFIC CONTROL	(****) CEMENT CONCRETE		
	FULL	HALF	(S.Y.)	SHEET NO.	PANEL DEPTH		
B57	0	1	10	TC154 - TC157	0.75'		
B62	1	0	20	TC15	0.75'		
B66 - B69	4	0	80	TC15	0.75'		
B79 - B80	2	0	40	TC154 - TC157	0.75'		
B83 - B86	3	1	70	TC154 - TC157	0.75'		
	SU	BTOTAL	220 S.Y.				

REPLACE CEMENT CONCRETE



- FOR INFORMATION ONLY.
- THESE ARE SUGGESTED REFERENCED TRAFFIC CONTROL SHEETS.
  ALTERNATIVE OR ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED BEYOND THAT SHOWN ON THE REFERENCED TRAFFIC CONTROL SHEETS.
- \*\*) LISTED PANEL DEPTHS ARE FOR INFORMATION ONLY. IF THE EXISTING PANEL IS THICKER THAN 0.75', THE REPLACED PANEL SHALL MATCH THE EXISTING PANEL DEPTH.



# GENERAL NOTES:

- 1. REPLACING CEMENT CONCRETE PANELS SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICIATIONS 5-01.3(4) AND WSDOT STANDARD PLANS A-40.00, A-40.10, A-40.15, A-60.10
- 2. SPALL REPAIR LOCATIONS SHALL FIELD VERIFIED BY THE ENGINEER. PARTIAL DEPTH SPALL REPAIR AREAS SHALL BE REPAIRED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(5)
- 3. CEMENT CONCRETE PAVEMENT GRINDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(9). SEE SHEETS RS1-RS6 FOR ADDITIONAL GRINDING INFORMATION.
- 4. IF SOFT SUBGRADE IS IDENTIFIED DURING CONSTRUCTION AFTER PCCP PANEL REMOVAL, THE SOFT SUBGRADE SHALL BE OVER-EXCAVATED AND REPLACED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(4)D
- 5. SEE SHEET PRD1 FOR SUBGRADE REPAIR AND MINOR SURFACE PREPARATION DETAILS FOR FULL AND HALF PANEL REPLACEMENT.
- 6. THE CONTRACTOR SHALL REFERENCE EXISTING PAVEMENT MARKINGS PRIOR TO START OF ANY WORK ACTIVITIES.

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<b>L</b> 0	50		<b>-</b> 1 100
	SCALE IN	FEET	

LEGEND								
	EXIST. PAVEMENT MARKINGS	م م م	EXIST. LOOPS					
	EXIST. PAVED SHOULDER EXIST. BARRIER FACE	o <u>&gt;</u>	EXIST. LUMINAIRE					
-11-	EXIST. GUARDRAIL EXIST. CONC. BARRIER	0 A2 A4	PANEL ROW FROM OBJECT					
	EXIST. WALL		EXIST. JUNCTION BOX EXIST. CONTROLLER CABINET					
	EXIST. BRIDGE EXIST. CATCH BASIN /	    	EXISTING CONCRETE PANEL					
	GRATE INLET EXIST. MANHOLE	$\boxtimes$	REPLACE CEMENT CONCRETE PANEL (FULL PANEL)					
þ B	EXIST. SIGN		REPLACE CEMENT CONCRETE PANEL (HALF PANEL)					
→ — —	EXIST. SIGN BRIDGE		PARTIAL DEPTH SPALL REPAIR					

FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_15-1PRP.dgn						
TIME	7:54:00 AM				REGION NO.	STATE	FED.AID I	PROJ.NO.
DATE	10/27/2022					WASH		
PLOTTED BY	marc				10	WASH		
DESIGNED BY	M. TAYLOR					UMBER		
ENTERED BY	M. TAYLOR				22A	.028		
CHECKED BY	Y. KUANG				CONTR	ACT NO.	LOCATIO	ON NO.
PROJ. ENGR.	C. ANDERSON							
REGIONAL ADM	R NIFI SEN	REVISION	DATE	RV				





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I-2							
DUWAMISH RIVER TO S LUCILE ST							
CONCRETE PAVEMENT REHAB & JOINTS							

PANEL REPLACEMENT PLANS

53 of 278 SHEETS

Plot 17
PLAN REF NO
PRP16

#### REPLACE CEMENT CONCRETE PANEL (FULL/HALF **SCHEDULE** NUMBER (\*\*\*) TRAFFIC CONTROL (\*\*) REPAIR (\*\*\*\*) CEMENT CONCRETE PANEL DEPTH PANELS AREA FULL HALF TC47 - TC48 0.83 10 TC47 - TC48 0.83' 0 20 2 100 TC84 - TC86 TC18 0.75' - 0.83'

10

40

340

0

0

SUBTOTAL 520 S.Y.

17

TC16

TC154 - TC157

TC154 - TC157

0.75

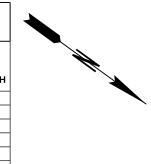
0.75'

0.75'

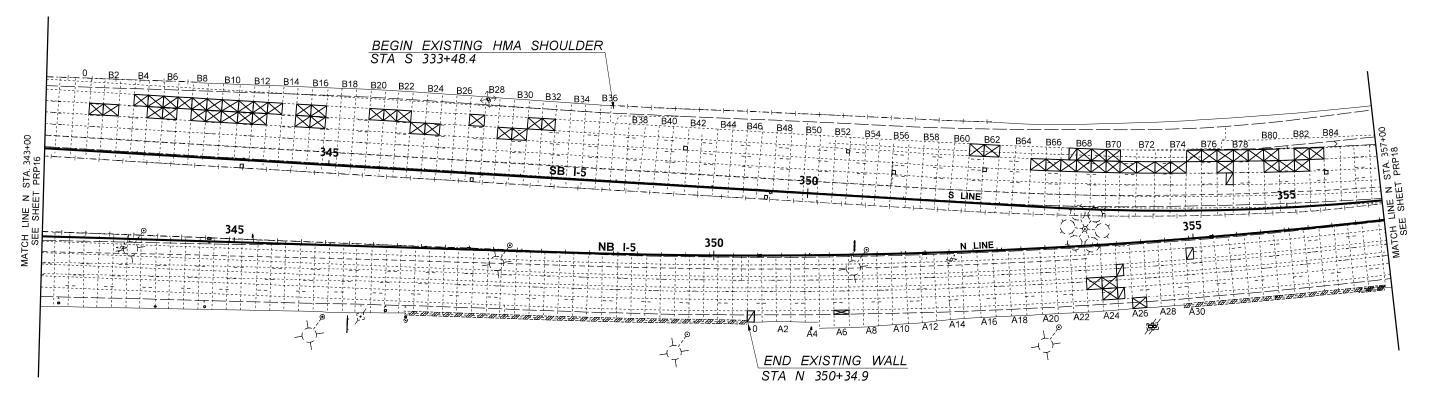
PANEL (FULL/HALF) SCHEDULE										
PANEL ROW NO.	NUMBER OF PANELS		(**) REPAIR AREA	(***) TRAFFIC CONTROL	(****) CEMENT CONCRETE					
	FULL	FULL HALF (S.Y.) SHEET NO.		PANEL DEPTH						
B15 - B16	4	0	80	TC154 - TC157	0.75'					
B20 - B24	5	0	100	TC154 - TC157	0.75'					
B27	1	0	20	TC154 - TC157	0.75'					
B29 - B32	4	0	80	TC154 - TC157	0.75'					
B61 - B62	2	0	40	TC154 - TC157	0.75'					
B65 - B83	25	2	520	TC154 - TC157 TC15	0.75'					
	SUBTOTAL 840 S.Y.									

REPLACE CEMENT CONCRETE

PARTIAL DEPTH SPALL REPAIR SCHEDULE								
PANEL ROW NO.	NUMBER OF SPALL REPAIR LOCATIONS	(**) REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.	(****) CEMENT CONCRETE PANEL DEPTH				
B41	1	1	TC154 - TC157	0.75'				
B52	1	1	TC154 - TC157	0.75'				
B56	1	1	TC12	0.75'				
B62	1	1	TC154 - TC157	0.75'				
B84	1	1	TC154 - TC157	0.75'				
	SUBTOTAL	5 S.Y.						



- (\*\*) FOR INFORMATION ONLY.
- \*\*) THESE ARE SUGGESTED REFERENCED TRAFFIC CONTROL SHEETS.
  ALTERNATIVE OR ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED BEYOND THAT
  SHOWN ON THE REFERENCED TRAFFIC CONTROL SHEETS.
- (\*\*\*\*) LISTED PANEL DEPTHS ARE FOR INFORMATION ONLY. IF THE EXISTING PANEL IS THICKER THAN 0.75', THE REPLACED PANEL SHALL MATCH THE EXISTING PANEL DEPTH.



#### **GENERAL NOTES:**

PANEL

A0

A6

A23 - A26

A30

B1 - B2

B4 - B13

- 1. REPLACING CEMENT CONCRETE PANELS SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICIATIONS 5-01.3(4) AND WSDOT STANDARD PLANS A-40.00, A-40.10, A-40.15, A-60.10
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- 3. CEMENT CONCRETE PAVEMENT GRINDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(9). SEE SHEETS RS1-RS6 FOR ADDITIONAL GRINDING INFORMATION.
- 4. IF SOFT SUBGRADE IS IDENTIFIED DURING CONSTRUCTION AFTER PCCP PANEL REMOVAL, THE SOFT SUBGRADE SHALL BE OVER-EXCAVATED AND REPLACED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(4)D
- 5. SEE SHEET PRD1 FOR SUBGRADE REPAIR AND MINOR SURFACE PREPARATION DETAILS FOR FULL AND HALF PANEL REPLACEMENT.
- 6. THE CONTRACTOR SHALL REFERENCE EXISTING PAVEMENT MARKINGS PRIOR TO START OF ANY WORK ACTIVITIES.

0 50 100 SCALE IN FEET		EXIST. CONC. BARRIER	0 A2 A4	EXIST LUMINAIRE  PANEL ROW FROM OBJECT  EXIST JUNCTION BOX  EXIST CONTROLLER CABINET  EXISTING CONCRETE PANEL  REPLACE CEMENT CONCRETE  PANEL (FULL PANEL)  REPLACE CEMENT CONCRETE  PANEL (HALF PANEL)  PARTIAL DEPTH SPALL REPAIR	
				Plot 18	╛

---- EXIST. PAVEMENT MARKINGS

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TIME	7:54:05 AM				REGION NO.	STATE	FED.AID PROJ.NO.	1
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PLOTTED BY	marc				יי ן	WASH		13
DESIGNED BY	M. TAYLOR					UMBER		$\mathbb{I}_{\lambda}$
ENTERED BY	M. TAYLOR				22A	028		18
CHECKED BY	Y. KUANG				CONTR	ACT NO.	LOCATION NO.	ľ
PROJ. ENGR.	C. ANDERSON							
REGIONAL ADM	R NIFI SEN	REVISION	DATE	BV				





DATE

I-3								
DUWAMISH RIVER TO S LUCILE ST	l							
CONCRETE PAVEMENT REHAB & JOINTS	I							

**LEGEND** 

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EXIST. LOOPS

PANEL REPLACEMENT PLANS

SHEET 54
oF 278
SHEETS

PLAN REF NO

33112332								
PANEL ROW NO.	NUMBER OF PANELS		(**) REPAIR AREA	(***) TRAFFIC CONTROL SHEET NO.	(****) CEMENT CONCRETE PANEL DEPTH			
	FULL	HALF	(S.Y.)	SHEET NO.	PANEL DEFIN			
A1 - A2	2	0	40	TC49 - TC51	0.83'			
A7	1	0	20	TC49 - TC51	0.83'			
A19	1	0	20	TC49 - TC51	0.83'			
B1 - B4	6	0	120	TC154 - TC157	0.75'			
B7 - B10	2	3	70	TC154 - TC157, TC15	0.75'			
B33 - B37	7	0	140	TC158 - TC160	0.75'			
B56	0	1	10	TC7	0.75'			
B59	1	0	20	TC7	0.75'			
B66	1	0	20	TC158 - TC160	0.75'			
	SI	JBTOTAL	460 S.Y.					

PLANS A-40.00, A-40.10, A-40.15, A-60.10

FOR FULL AND HALF PANEL REPLACEMENT.

# PARTIAL DEPTH SPALL REPAIR SCHEDULE

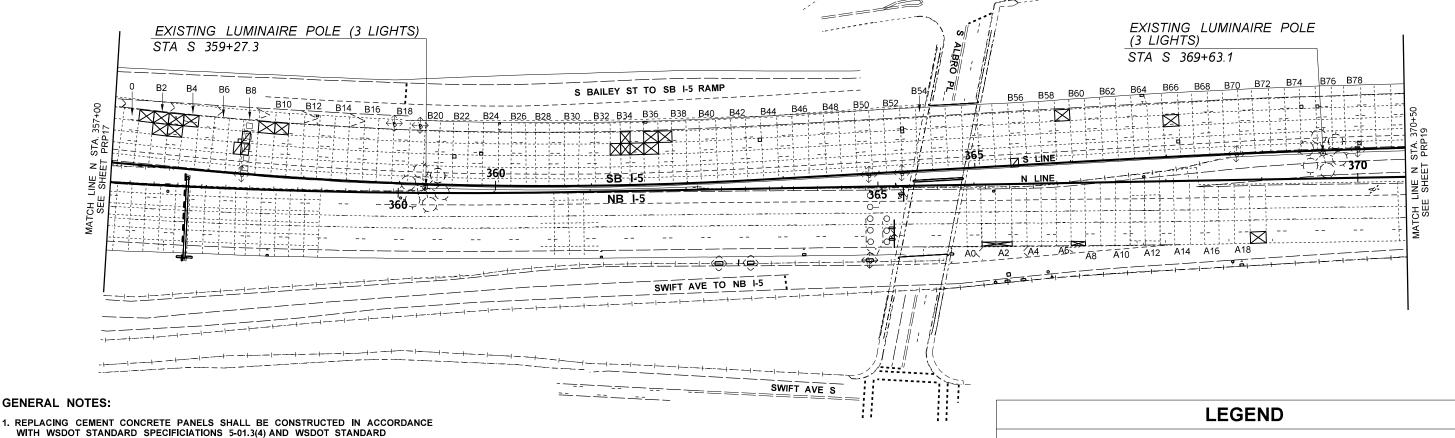
PANEL ROW NO.	NUMBER OF SPALL REPAIR LOCATIONS	(**) REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.	(****) CEMENT CONCRETE PANEL DEPTH
B7	1	1	TC154 - TC157	0.75'
B22 - B23	2	2	TC158 - TC160	0.75'
B43	1	1	TC158 _ TC160	0.75'
B53	2	2	TC158 - TC160	0.75'
B66	1	1	TC7	0.75'
B75 - B76	2	2	TC161 - TC164	0.75'
B78	1	1	TC7	0.75'
	SUBTOTAL	10 S.Y.		

(\*\*) FOR INFORMATION ONLY.

\*\*) THESE ARE SUGGESTED REFERENCED TRAFFIC CONTROL SHEETS.
ALTERNATIVE OR ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED BEYOND THAT SHOWN ON THE REFERENCED TRAFFIC CONTROL SHEETS.

\*\*\*\*\*) LISTED PANEL DEPTHS ARE FOR INFORMATION ONLY. IF THE EXISTING PANEL IS THICKER THAN 0.75', THE REPLACED PANEL SHALL MATCH THE EXISTING PANEL DEPTH.





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PLOTTED BY	marc				10	WASH		13
DESIGNED BY	M. TAYLOR					NUMBER		
ENTERED BY	M. TAYLOR				22A	028		1/
CHECKED BY	Y. KUANG				CONTI	RACT NO.	LOCATION NO.	ľ
PROJ. ENGR.	C. ANDERSON							ı
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			<u> </u>	

2. SPALL REPAIR LOCATIONS SHALL FIELD VERIFIED BY THE ENGINEER. PARTIAL DEPTH SPALL REPAIR AREAS SHALL BE REPAIRED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(5)

3. CEMENT CONCRETE PAVEMENT GRINDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT

4. IF SOFT SUBGRADE IS IDENTIFIED DURING CONSTRUCTION AFTER PCCP PANEL REMOVAL, THE SOFT SUBGRADE SHALL BE OVER-EXCAVATED AND REPLACED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(4)D

5. SEE SHEET PRD1 FOR SUBGRADE REPAIR AND MINOR SURFACE PREPARATION DETAILS

6. THE CONTRACTOR SHALL REFERENCE EXISTING PAVEMENT MARKINGS PRIOR TO START OF ANY WORK ACTIVITIES.

STANDARD SPECIFICATION 5-01.3(9). SEE SHEETS RS1-RS6 FOR ADDITIONAL GRINDING INFORMATION.



50

SCALE IN FEET



DATE

---- EXIST. PAVEMENT MARKINGS

III - III - EXIST. GUARDRAIL

-m-m-m-m EXIST. WALL

====== EXIST. CONC. BARRIER

EXIST. BRIDGE

EXIST. MANHOLE

EXIST. SIGN

EXIST. PAVED SHOULDER

EXIST. BARRIER FACE

EXIST. CATCH BASIN / GRATE INLET

EXIST. SIGN BRIDGE

	I-5							
	DUWAMISH RIVER TO S LUCILE ST							
te	CONCRETE PAVEMENT REHAB & JOINT							

مريري

0 A2 A4

EXIST. LOOPS

EXIST. JUNCTION BOX

EXIST. LUMINAIRE

PANEL ROW FROM OBJECT

**EXIST. CONTROLLER CABINET** 

**EXISTING CONCRETE PANEL** 

REPLACE CEMENT CONCRETE PANEL (FULL PANEL)

REPLACE CEMENT CONCRETE PANEL (HALF PANEL)

PARTIAL DEPTH SPALL REPAIR

PANEL REPLACEMENT PLANS

55 0F 278 SHEETS

Plot 19
PLAN REF NO
PRP18

OOTIEBOLE								
PANEL ROW NO.	NUMBER OF PANELS		(**) REPAIR AREA	(***) TRAFFIC CONTROL	(****) CEMENT CONCRETE			
	FULL	HALF	(S.Y.)	SHEET NO.	PANEL DEPTH			
A1	1	0	20	TC28	0.75'			
A3	1	0	20	TC28	0.75'			
A10 - A12	3	0	60	TC52 - TC54	0.83'			
A16 - A17	6	0	120	TC87 - TC90, TC30	0.73' - 0.83'			
B0 - B1	4	0	80	TC161 - TC164	0.75'			
B7 - B8	2	0	40	TC161 - TC164	0.75'			
B16 - B17	1	1	30	TC161 - TC164	0.75'			
B19 - B28	14	0	280	TC161 - TC164, TC15	0.75'			
	SU	BTOTAL	650 S.Y.					

# REPLACE CEMENT CONCRETE PANEL (FULL/HALF) **SCHEDULE**

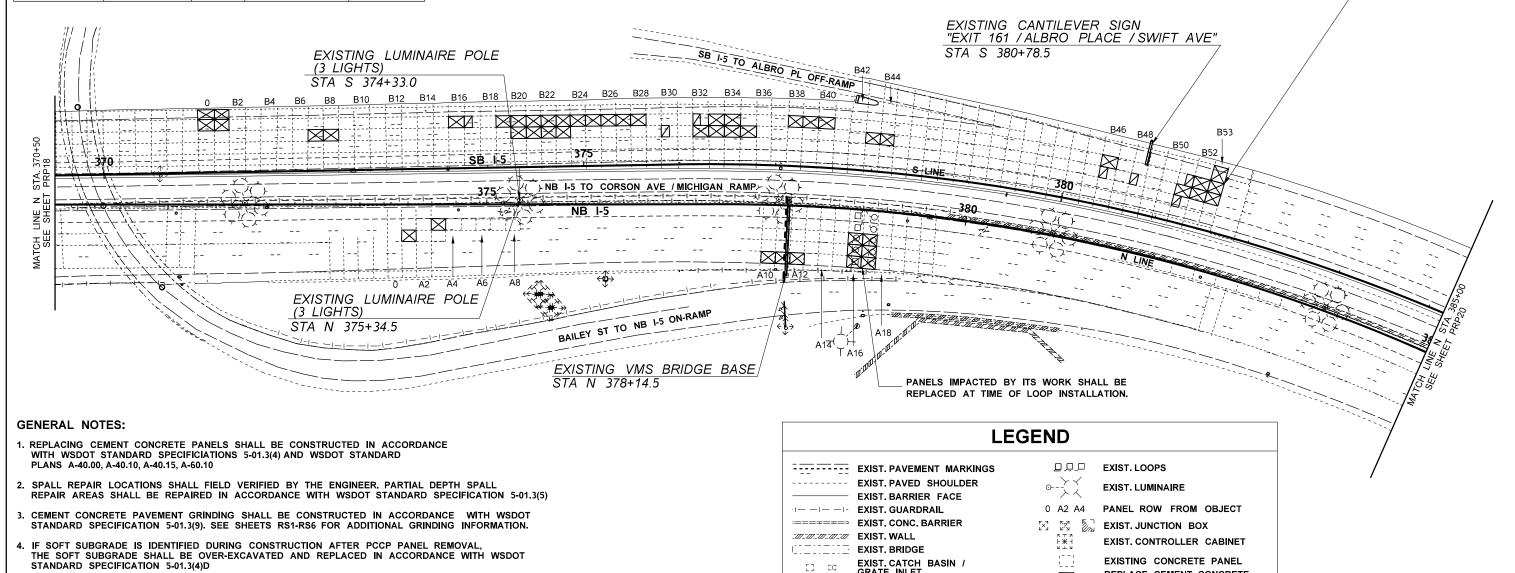
PANEL ROW NO.	NUMBER OF PANELS		(**) REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.	(****) CEMENT CONCRETE PANEL DEPTH
	FULL	HALF	` '		
B30	0	1	10	TC15	0.75'
B32 - B35	6	1	130	TC161 - TC164, TC15	0.75'
B38 - B40	3	0	60	TC161 - TC164	0.75'
B43 - B44	2	0	40	TC15	0.75'
B46	1	1	30	TC161 - TC164, TC15	0.75'
B48	0	1	10	TC15	0.75'
B51 - B53	6	2	140	TC161 - TC164, TC15	0.75'
	SU	BTOTAL	420 S.Y.		

FOR INFORMATION ONLY.

THESE ARE SUGGESTED REFERENCED TRAFFIC CONTROL SHEETS.
ALTERNATIVE OR ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED BEYOND THAT SHOWN ON THE REFERENCED TRAFFIC CONTROL SHEETS.

\*\*) LISTED PANEL DEPTHS ARE FOR INFORMATION ONLY. IF THE EXISTING PANEL IS THICKER THAN 0.75', THE REPLACED PANEL SHALL MATCH THE EXISTING PANEL DEPTH.

**EXISTING BRIDGE JOINT** END SOUTHBOUND REPLACE CEMENT CONCRETE PANEL END SB CEMENT CONCRETE PAVEMENT GRINDING STA S 381+59.16



FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_15-1PRP.dgn				
TIME	7:54:12 AM				REGION STATE	FED.AID PROJ.NO.
DATE	10/27/2022				10 WASH	
PLOTTED BY	marc				I IU WASH	
DESIGNED BY	M. TAYLOR				JOB NUMBER	
ENTERED BY	M. TAYLOR				22A028	
CHECKED BY	Y. KUANG				CONTRACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON					
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY		

5. SEE SHEET PRD1 FOR SUBGRADE REPAIR AND MINOR SURFACE PREPARATION DETAILS

6. THE CONTRACTOR SHALL REFERENCE EXISTING PAVEMENT MARKINGS PRIOR TO

FOR FULL AND HALF PANEL REPLACEMENT.

START OF ANY WORK ACTIVITIES.



50

SCALE IN FEET

EXIST. CATCH BASIN / GRATE INLET

**EXIST. MANHOLE** 

EXIST. SIGN BRIDGE

EXIST. SIGN



 $\boxtimes$ 

Washington State **Department of Transportation** 

**EXISTING CONCRETE PANEL** 

REPLACE CEMENT CONCRETE PANEL (FULL PANEL)

REPLACE CEMENT CONCRETE PANEL (HALF PANEL)

PARTIAL DEPTH SPALL REPAIR

I-5 DUWAMISH RIVER TO S LUCILE ST CONCRETE PAVEMENT REHAB & JOINTS

PANEL REPLACEMENT PLANS

56 278 SHEETS

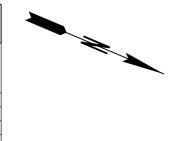
Plot 20

PLAN REF N PRP19

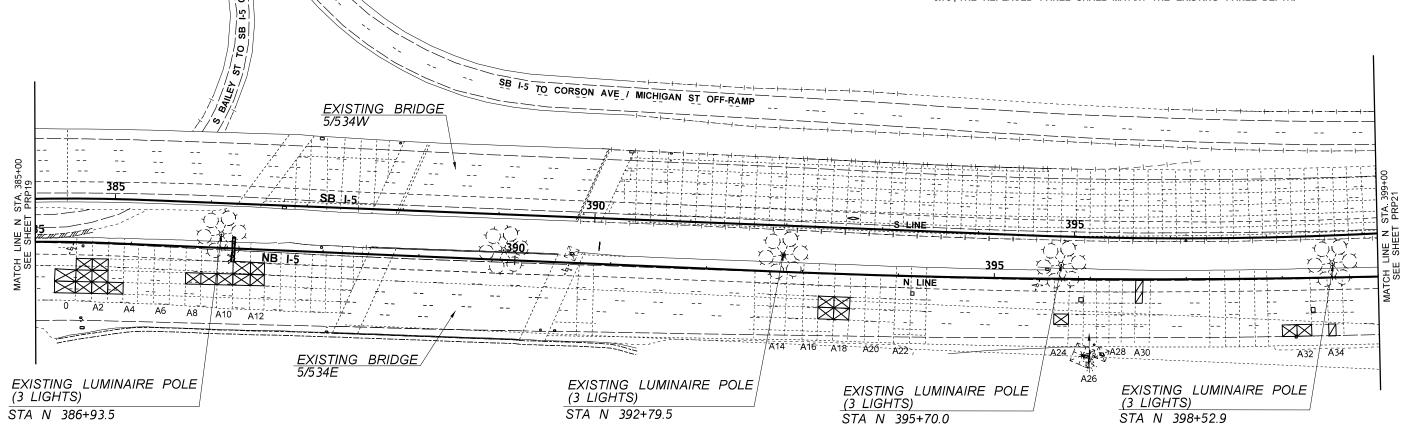
NUMBER OF PANELS		(**) REPAIR AREA	(***) TRAFFIC CONTROL	(****) CEMENT CONCRETE PANEL DEPTH
FULL	HALF	(3.1.)	SHEET NO.	FANEL DEFIN
9	0	180	TC87 - TC90, TC30	0.75'
7	0	140	TC15	0.75'
4	0	80	TC91 - TC93, TC30	0.75'
1	0	20	TC91 - TC93	0.75'
0	2	20	TC29	0.75'
2	0	40	TC55 - TC57	0.83'
0	1	10	TC55 - TC57	0.83'
SU	BTOTAL	490 S.Y.		
	FULL 9 7 4 1 0 2 0	OF PANELS  FULL HALF 9 0 7 0 4 0 1 0 0 2 2 0	OF PANELS         REPÁIR AREA (S.Y.)           FULL         HALF         180           7         0         140           4         0         80           1         0         20           0         2         20           2         0         40           0         1         10	OF PANELS         REPÁIR AREA (S.Y.)         TRÀFFIC CONTROL SHEET NO.           9         0         180         TC87 - TC90, TC30           7         0         140         TC15           4         0         80         TC91 - TC93, TC30           1         0         20         TC91 - TC93           0         2         20         TC29           2         0         40         TC55 - TC57           0         1         10         TC55 - TC57

# PARTIAL DEPTH SPALL REPAIR SCHEDULE

PANEL ROW NO.	NUMBER OF SPALL REPAIR LOCATIONS	(**) REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.	(****) CEMENT CONCRETE PANEL DEPTH
A23	1	1	TC29	0.75'
A25	1	1	TC29	0.75'
A33	1	1	TC91 - TC93	0.75'
	SUBTOTAL	3 S.Y.		



- (\*\*) FOR INFORMATION ONLY.
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- (\*\*\*\*) LISTED PANEL DEPTHS ARE FOR INFORMATION ONLY. IF THE EXISTING PANEL IS THICKER THAN 0.75', THE REPLACED PANEL SHALL MATCH THE EXISTING PANEL DEPTH.



## **GENERAL NOTES:**

- 1. REPLACING CEMENT CONCRETE PANELS SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICIATIONS 5-01.3(4) AND WSDOT STANDARD PLANS A-40.00, A-40.10, A-40.15, A-60.10
- 2. SPALL REPAIR LOCATIONS SHALL FIELD VERIFIED BY THE ENGINEER. PARTIAL DEPTH SPALL REPAIR AREAS SHALL BE REPAIRED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(5)
- 3. CEMENT CONCRETE PAVEMENT GRINDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(9). SEE SHEETS RS1-RS6 FOR ADDITIONAL GRINDING INFORMATION.
- 4. IF SOFT SUBGRADE IS IDENTIFIED DURING CONSTRUCTION AFTER PCCP PANEL REMOVAL, THE SOFT SUBGRADE SHALL BE OVER-EXCAVATED AND REPLACED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(4)D
- SEE SHEET PRD1 FOR SUBGRADE REPAIR AND MINOR SURFACE PREPARATION DETAILS FOR FULL AND HALF PANEL REPLACEMENT.
- 6. THE CONTRACTOR SHALL REFERENCE EXISTING PAVEMENT MARKINGS PRIOR TO START OF ANY WORK ACTIVITIES.

EXIST. PAVEMENT MARKINGS	مرير و	EXIST. LOOPS
EXIST. PAVED SHOULDER	o	EXIST. LUMINAIRE
EXIST. BARRIER FACE	入人	
· I — - I — I - EXIST. GUARDRAIL	0 A2 A4	PANEL ROW FROM OBJECT
====== EXIST. CONC. BARRIER		EXIST. JUNCTION BOX
TIII TIII TIII EXIST. WALL	K T   Z / Z	EXIST. CONTROLLER CABINET
EXIST BRIDGE	к <u>т</u> и	ZAIGTI GOTTINGEZZIN GABINZT
EZ EXIST. CATCH BASIN /	1 _ 1	EXISTING CONCRETE PANEL
GRATE INLET	$\boxtimes$	REPLACE CEMENT CONCRETE
EXIST. MANHOLE		PANEL (FULL PANEL)
þ þ <b>exist. Sign</b>	Ø	REPLACE CEMENT CONCRETE
↔ — EXIST. SIGN BRIDGE		PANEL (HALF PANEL)

**LEGEND** 

FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_15-1PRP.dgn					
TIME	7:54:16 AM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	10/27/2022					WASH	
PLOTTED BY	marc				יי ן	WASH	
DESIGNED BY	M. TAYLOR					UMBER	
ENTERED BY	M. TAYLOR				22A	028	
CHECKED BY	Y. KUANG				CONTR	ACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON						
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			



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SCALE IN FEET

<b>7</b> //					
Washington State Department of Transportation					

I-5					
DUWAMIS	H RIVE	R TO	S LU	CIL	E ST
CONCRETE	PAVEN	IENT R	EHAB	&	JOINTS

PANEL REPLACEMENT PLANS

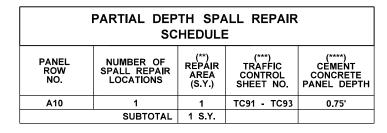
SHEET 57 OF 278 SHEETS

Plot 21
PLAN REF NO
PRP20

	331.23322						
PANEL ROW NO.	NUMBER OF PANELS		OF REPAIR TRAFFI		(****) CEMENT CONCRETE PANEL DEPTH		
	FULL	HALF	(3.1.)	SHEET NO.	FANLE DEFIN		
A2	1	0	20	TC91 - TC93	0.75'		
A6	0	1	10	TC55 - TC57	0.75'		
A8	0	1	10	TC29	0.75'		
A11	0	1	10	TC29	0.75'		
A12 - A16	10	0	200	TC94 - TC97, TC30	0.75' - 0.83'		
A19 - A22	4	0	80	TC58 - TC59	0.83'		
B1 - B3	3	7	130	TC15	0.75'		
C2 - C4	6	3	150	TC91- TC93, TC30	0.75' - 0.83'		
	SUBTOTAL		610 S.Y.				

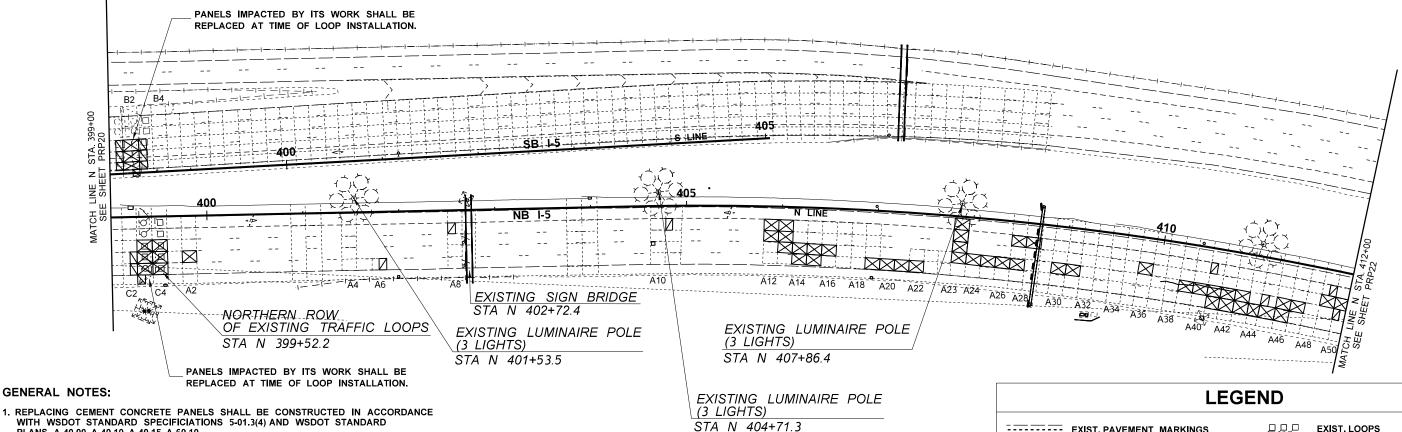
## REPLACE CEMENT CONCRETE PANEL (FULL/HALF) **SCHEDULE**

	331.2522								
PANEL ROW NO.	NUMBER (**) (***) OF REPAIR TRAFFIC PANELS AREA CONTROL		TRAFFIC CONTROL	(****) CEMENT CONCRETE					
	FULL	HALF	(S.Y.)	SHEET NO.	PANEL DEPTH				
A23 - A28	10	0	200	TC94 - TC97 TC30	0.75'				
A30 - A31	2	0	40	TC94 - TC97	0.75'				
A36	1	0	20	TC30	0.75'				
A39 - A47	13	2	280	TC94 - TC97,TC30	0.75' - 0.83'				
A49 -A50	2	2	60	TC94 - TC97, TC98 - TC101	0.75'				
	SU	BTOTAL	600 S.Y.	,					





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- (\*\*\*\*) LISTED PANEL DEPTHS ARE FOR INFORMATION ONLY. IF THE EXISTING PANEL IS THICKER THAN 0.75', THE REPLACED PANEL SHALL MATCH THE EXISTING PANEL DEPTH.



# **GENERAL NOTES:**

- WITH WSDOT STANDARD SPECIFICIATIONS 5-01.3(4) AND WSDOT STANDARD PLANS A-40.00, A-40.10, A-40.15, A-60.10
- 2. SPALL REPAIR LOCATIONS SHALL FIELD VERIFIED BY THE ENGINEER. PARTIAL DEPTH SPALL REPAIR AREAS SHALL BE REPAIRED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(5)
- 3. CEMENT CONCRETE PAVEMENT GRINDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(9). SEE SHEETS RS1-RS6 FOR ADDITIONAL GRINDING INFORMATION.
- 4. IF SOFT SUBGRADE IS IDENTIFIED DURING CONSTRUCTION AFTER PCCP PANEL REMOVAL, THE SOFT SUBGRADE SHALL BE OVER-EXCAVATED AND REPLACED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-01.3(4)D
- 5. SEE SHEET PRD1 FOR SUBGRADE REPAIR AND MINOR SURFACE PREPARATION DETAILS FOR FULL AND HALF PANEL REPLACEMENT.
- 6. THE CONTRACTOR SHALL REFERENCE EXISTING PAVEMENT MARKINGS PRIOR TO START OF ANY WORK ACTIVITIES.

FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_15-1PRP.dgn						Γ
TIME	7:54:20 AM				REGION NO.	STATE	FED.AID PROJ.NO.	l
DATE	10/27/2022					WASH		L
PLOTTED BY	marc				10	WASH		3
DESIGNED BY	M. TAYLOR					IUMBER		Н
ENTERED BY	M. TAYLOR				22A	028		1/
CHECKED BY	Y. KUANG				CONTI	RACT NO.	LOCATION NO.	ľ
PROJ. ENGR.	C. ANDERSON							l
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY				l



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SCALE IN FEET



þ B

DATE

---- EXIST. PAVEMENT MARKINGS

-m-m-m-m EXIST. WALL

====== EXIST. CONC. BARRIER

EXIST. BRIDGE

GRATE INLET

EXIST. SIGN

**EXIST. MANHOLE** 

EXIST. SIGN BRIDGE

EXIST. PAVED SHOULDER

EXIST BARRIER FACE

EXIST. CATCH BASIN /

	I-5
	DUWAMISH RIVER TO S LUCILE ST
Vashington State	CONCRETE PAVEMENT REHAB & JOINTS

PANEL REPLACEMENT PLANS

مرير ي

0 A2 A4

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EXIST. LOOPS

🔀 🔀 🔝 EXIST. JUNCTION BOX

EXIST. LUMINAIRE

PANEL ROW FROM OBJECT

EXIST. CONTROLLER CABINET

**EXISTING CONCRETE PANEL** 

REPLACE CEMENT CONCRETE PANEL (FULL PANEL)

REPLACE CEMENT CONCRETE

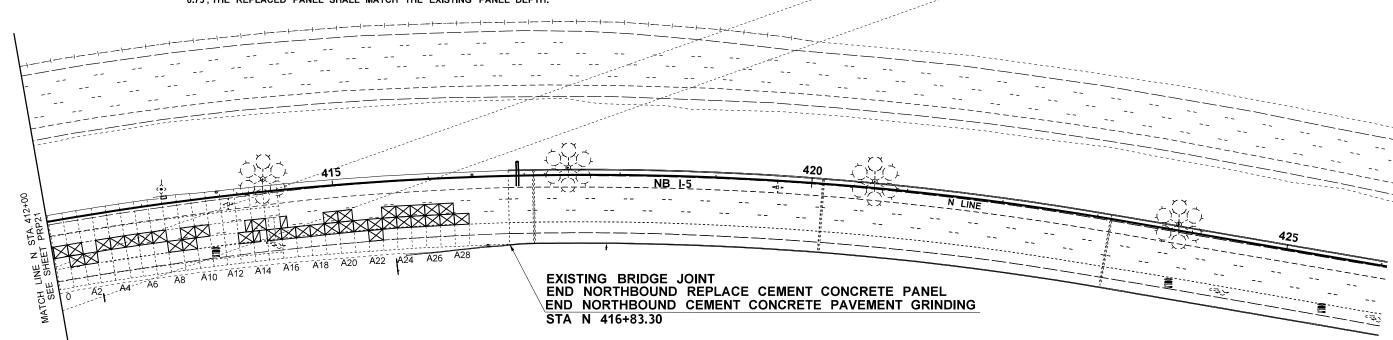
PARTIAL DEPTH SPALL REPAIR

PANEL (HALF PANEL)

Plot 22 PLAN REF N **PRP21** SHEET 58

SCHEDULE								
PANEL ROW NO.	NUMBER OF PANELS		OF REPAIR PANELS AREA		(***) TRAFFIC CONTROL			
-	FULL	HALF	(S.Y.)	.) SHEET NO.			PANEL DEPTH	
A0 - A10	13	0	260	TC94 - TC97	TC98	-TC101	0.75'	
A13 - A28	24	3	510	TC94 - TC97	TC98	-TC101	0.75' - 0.83'	
SUBTOTAL			770 S.Y.					

- FOR INFORMATION ONLY.
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- 6. THE CONTRACTOR SHALL REFERENCE EXISTING PAVEMENT MARKINGS PRIOR TO START OF ANY WORK ACTIVITIES.

-	<del></del>	
0	50	100
	SCALE IN	FEET

	LE	GEND	
	EXIST. PAVEMENT MARKINGS EXIST. PAVED SHOULDER EXIST. BARRIER FACE EXIST. GUARDRAIL EXIST. CONC. BARRIER EXIST. WALL EXIST. BRIDGE EXIST. CATCH BASIN / GRATE INLET EXIST. MANHOLE EXIST. SIGN EXIST. SIGN BRIDGE	0 A2 A4	EXIST. LOOPS  EXIST. LUMINAIRE  PANEL ROW FROM OBJECT  EXIST. JUNCTION BOX  EXIST. CONTROLLER CABINET  EXISTING CONCRETE PANEL  REPLACE CEMENT CONCRETE  PANEL (FULL PANEL)  REPLACE CEMENT CONCRETE  PANEL (HALF PANEL)  PARTIAL DEPTH SPALL REPAIR

FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_15-1PRP.dgn						
TIME	7:54:23 AM				REGION NO.	STATE	FED.AID PROJ.NO.	1
DATE	10/27/2022				10	WASH		Ι.
PLOTTED BY	marc				''	WASH		13
DESIGNED BY	M. TAYLOR					IUMBER		
ENTERED BY	M. TAYLOR				22A	028		1
CHECKED BY	Y. KUANG				CONTR	RACT NO.	LOCATION NO.	ľ
PROJ. ENGR.	C. ANDERSON							ı
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY				



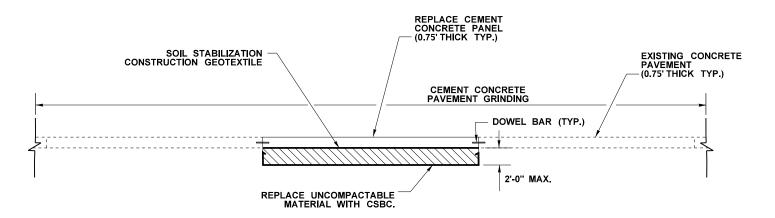


DATE

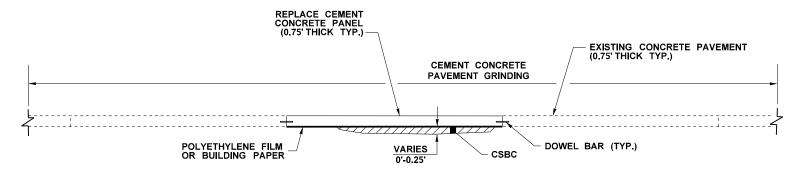
I-5	PLAN REF NO
DUWAMISH RIVER TO S LUCILE ST	PRP22
CONCRETE PAVEMENT REHAB & JOINTS	SHEET <b>59</b> OF

PANEL REPLACEMENT PLANS

Plot 23



# SUBGRADE REPAIR FOR CEMENT CONCRETE PANEL REPLACEMENT

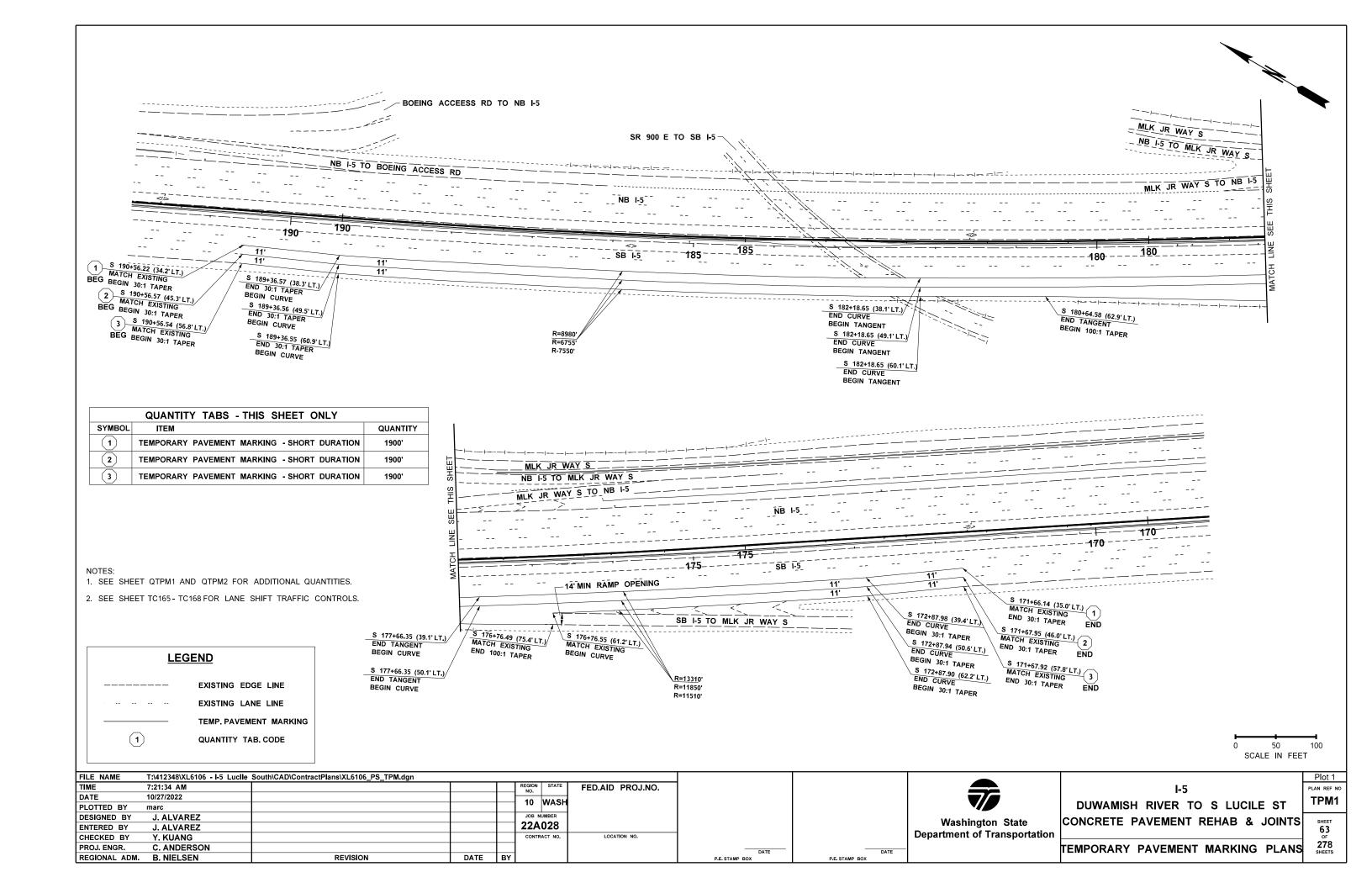


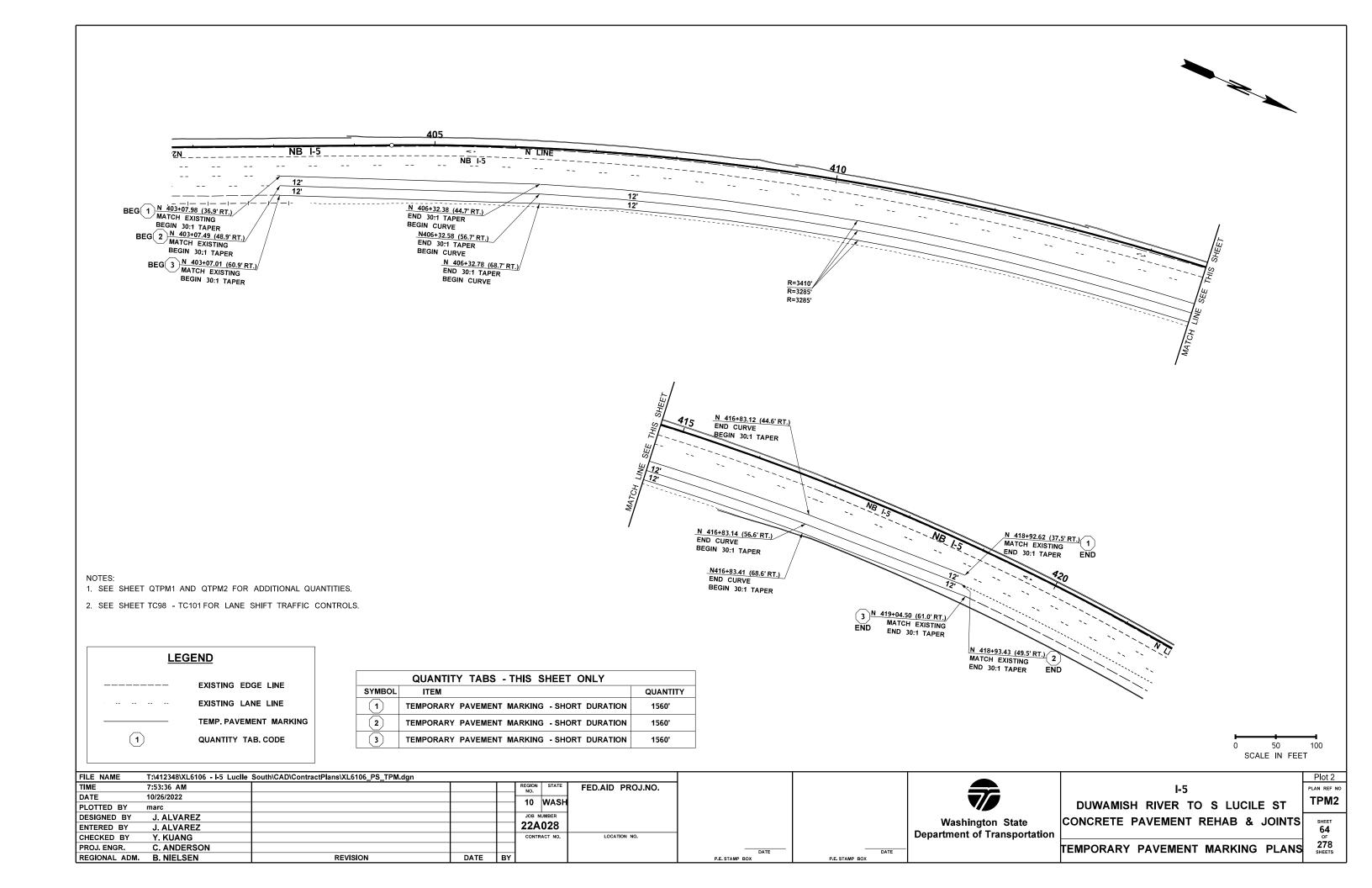
# MINOR SURFACE PREPARATION FOR CEMENT CONCRETE PANEL REPLACEMENT NOT TO SCALE

FILE NAME	T:\412348\XL6106 - I-5 Lucile	South\CAD\ContractPlans\XL6106_PS_15-2PRD.dgn								Plot 1
TIME	7:52:46 AM			REGION STATE	FED.AID PROJ.NO.	EN ANDES			I-5	PLAN REF NO
DATE	10/26/2022			10 WASH		A SHIP OF THE SHIP				PRD1
PLOTTED BY	marc			I IU WASH					DUWAMISH RIVER TO S LUCILE ST	' ''
DESIGNED BY	T. NGUYEN			JOB NUMBER				Washington State	CONCRETE PAVEMENT REHAB & JOINTS	SHEET
ENTERED BY	T. NGUYEN			22A028		20122109		. •		60
CHECKED BY	Y. KUANG			CONTRACT NO.	LOCATION NO.	STONAL ENGINEER		Department of Transportation		_ OF
PROJ. ENGR.	C. ANDERSON					SEE SHEET CT1  DATE	DATE		PANEL REPLACEMENT DETAILS	278 SHEETS
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY		P.E. STAMP BOX	P.E. STAMP BOX			SHEETS

				QUAI	YTITY	′ TAE	BULATION -	PAVEN	/IENT	MARKIN	GS			
REFE CONS THE S CONS SHEE	FIRST NUMBER OF THE "CODE" BELOW ERS TO THE SHEET NO. OR THE SHEET ERENCE NO. SHOWING THE STRUCTION FEATURE.  SECOND NUMBER REFERS TO THE STRUCTION FEATURE FOUND ON THAT ET.	PROFILED PLASTIC LINE	PROFILED PLASTIC WIDE LINE	PLASTIC TRAFFIC ARROW	PLASTIC DRAINAGE MARKING	PLASTIC JUNCTION BOX MARKING	RAISED PAVEMENT MARKER TYPE 2	TEMPORARY PAVEMENT MARKING-SHORT DURATION	TEMPORARY MISC. PAVEMENT MARKINGS - SHORT DURATION	PLASTIC HOV LANE SYMBOL	PLASTIC CROSSHATCH MARKING	SEE GENERAL NOTES	GENERAL NOTES:	
CODE		L.F.	L.F.	EACH	EACH	EACH	HUND	L.F.	EACH	EACH	L.F.			4
	N 116+47.6 TO N 205+74.7	44620	8930		32		9	123130	87	6		1 THRU 8		
	N 162+37.0 (57 FT. RT.) TO N 164+40.0 (57/72 FT. RT)		410				0.3	1090			66	1, 3, 7, 9	REFERENCED AND REPLACED IN THEIR	
	N 176+74.0 (56/69 FT. RT.) TO N 179+06.0 (58 FT. RT.)		470				0.3	1230			67	1, 3, 7, 9	PREVIOUS LOCATIONS PER SPECIAL PRO	OVISION
	N 179+06.0 TO N 186+73.7		770				0.7	1770				1, 2, 3, 4, 7	"REFERENCE EXISTING PAVEMENT MARK	
	N 186+73.7 TO N 189+75.5		310					700				1, 2, 3, 7	UNLESS OTHERWISE SHOWN IN THE PLAN	IIVO.
													0.055.070.01.40.40.500.10.40.500	SINIAI
	N 189+75.5 (58 FT. RT.) TO N 191+95.7 (58/69 FT. RT.)		450				0.3	1100			37	1, 3, 7, 9	<ul> <li>2. SEE STD. PLAN M-20.10 FOR LONGITUD</li> <li>MARKING PATTERNS.</li> </ul>	JINAL
	N 197+24.2 (57/72 FT. RT.) TO N 204+54.2 (61 FT. RT.)		1460				0.8	3550			80	1, 3, 7, 9	WARKING PATTERNS.	
	N 204+54.2 TO N 204+94.3		50					100				1, 2, 3, 7	3 CEE CTD DIANIM 20 20 FOR RECE!! FR	,
													3. SEE STD. PLAN M-20.20 FOR PROFILED	)
	N 205+74.7 TO N 353+91.4		14820					34080				1, 2, 3, 7	PLASTIC LINE DETAILS.	
	N 205+74.7 TO N 416+83.3	105550			153	45	21.2	242750	515	26		1 THRU 8	TALLANGUNGS AND LEGT COSCUNGS SUA	ALL DE
	N 359+77.0 TO N 416+83.3		5710					13130				1, 2, 3, 7	4. LANE LINES AND LEFT EDGE LINES SHA SUPPLEMENTED WITH RAISED PAVEMENT	ALL BE
	N 365+79.4 (64/82 FT. RT.) TO N 368+14.0 (66 FT. RT.)		240					540				1, 3, 7, 9	MARKERS PER STD. PLAN M-20.30. ALL RF	
	N 368+31.7 (6 FT. RT.) TO N 370+60.1 (5 FT. LT./6 FT. RT.)		260				0.2	590				1, 3, 7, 9		
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 200				1 0.2					1, 0, 1, 0	& LANE LINES.	LDOL
	N 379+39.0 (61/70 FT. RT.) TO N 381+23.0 (61 FT. RT.)		190				0.1	430				1, 3, 7, 9		
	N 383+59.4 TO N 388+20.9	470	100				0.2	1070				1, 2, 3, 4, 7	5. SEE STD. PLAN M-24.60 FOR DRAINAGE	=
	N 414+38.1 (57.2 FT. RT.)	710		1			0.2	1070	2			1, 7, 10	MARKING AND JUNCTION BOX, PULL BOX,	
	1444-00.1 (07.211.1(1.)			<u>'</u>								1, 7, 10	CABLE VAULT MARKING LAYOUTS.	,
	+												$\dashv$ 6. SEE STD. PLAN M-7.50 FOR HIGH OCCU	JPANCY
	+								-				VEHICLE (HOV) LANE SYMBOL LAYOUT.	
-	+						<del>                                     </del>						$\dashv$ 7. ALL PLASTIC PAVEMENT MARKINGS SH.	HALL BE
	+												TYPE D.	
-	-													
	-												8. SEE TPM1 AND TPM2 FOR ADDITIONAL	
													QUANTITIES.	
-							<del>                                     </del>						-	9
	+												9. SEE STD. PLAN M-2.20 AND M-2.21 FOR	
	-												AREA MARKING LAYOUTS AND SUPPLEME	ENTAL
<b> </b>							<del>                                     </del>						TYPE 2 RAISED PAVEMENT MARKERS.	
	+												10. SEE STD. PLAN M-24.20 FOR LAYOUT C	OF
	-												TRAFFIC ARROWS FOR HIGH-SPEED	9
	+		<del>                                     </del>				<del>                                     </del>						ROADWAYS.	
<u> </u>							1 1						-	•
	-						<del>                                     </del>						-	
<u> </u>							<del>                                     </del>						_	0 0 0
<u> </u>							<del>                                     </del>						-	•
	ALIEFT TOTAL	150010	24070		405	4.5	1 22.4	405000	004	20	1 250		-	
	SHEET TOTAL	150640	34070	1	185	45	33.1	425260	604	32	250			
					REGION NO.	STATE	FED. AID PROJ. NO.						I-5	PLAN REF NO
B=6:-	ALED BY D. CARTES				4.0	\A (A C ! !	]				72			QTPM1
	NED BY R. CARTER				10	WASH	]						JWAMISH RIVER TO S LUCILE ST	
	ED BY R. CARTER				<b></b>		4 1				_	CON	CRETE PAVEMENT REHAB & JOINTS	SHEET
	KED BY Y. KUANG					JMBER	]				ton State			61
יחטטו	ENGR. C. ANDERSON				22		]			Department of	Transportation			OF
	NAPM D NIELOEN				~~:		l I						'IT\/ TADIU ATIONI DA\/CN4CN'T NASCIVINOS	070
	N ADM. B. NIELSEN DATE DATE		REVISION	BY	CONTR	ACT NO.						QUANT	TITY TABULATION - PAVEMENT MARKINGS	278 SHEETS

			QUAN	VTITY	′ TAE	BULATION	I - PAVEN	1ENT	MARKINGS				
NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.  THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.	PROFILED PLASTIC LINE	PROFILED PLASTIC WIDE LINE	PLASTIC TRAFFIC ARROW	PLASTIC DRAINAGE MARKING	PLASTIC JUNCTION BOX MARKING	RAISED PAVEMENT MARKER TYPE 2	TEMPORARY PAVEMENT MARKING-SHORT DURATION	TEMPORARY MISC. PAVEMENT MARKINGS - SHORT DURATION	PLASTIC HOV LANE SYMBOL	PLASTIC CROSSHATCH MARKING	SEE GENERAL NOTES	GENERAL NOTES:	
CODE LOCATION ✓ \ UNIT OF MEASURE >	L.F.	L.F.	EACH	EACH	EACH	HUND	L.F.	EACH	EACH	L.F.			
S 126+68.5 TO S 205+18.4 S 139+37.1 (66.0 FT. LT.) S 140+74.7 TO S 146+78.4 S 140+78.3 (66.0 FT. LT.) S 141+97.4 (66.0 FT. LT.)	39250 610	7850	1 1 1	32		0.2	108330	94 2 2 2	9		1 THRU 8 1, 7, 10 1, 2, 3, 4, 7 1, 7, 10 1, 7, 10	1. PAVEMENT MARKINGS SHALL BE REFERENCED AND REPLACED IN THEIR PREVIOUS LOCATIONS PER SPECIAL PROVISION "REFERENCE EXISTING PAVEI MARKING", UNLESS OTHERWISE SHOWN I PLANS.	
S 146+78.4 TO S 149+95.1		320					730				1, 2, 3, 7	0.055.070.01.44.44.00.40.505	1810.
S 149+95.1 (57 FT. LT.) TO S 153+57.7 (58/83 FT. LT.) S 173+78.4 (58/82 FT. LT.) TO S 174+10.2 (58/79 FT. LT.)		730 40				0.4 0.1	2110 140			190 27	1, 3, 7, 9 1, 3, 7, 9	2. SEE STD. PLAN M-20.10 FOR LONGITUD MARKING PATTERNS.	
S 174+10.2 (58/79 FT. LT.) TO S 177+59.3 (58 FT. LT.)		700				0.4	1920			135	1, 3, 7, 9	3. SEE STD. PLAN M-20.20 FOR PROFILED	
S 205+18.4 TO S 381+59.2 S 205+0.6 (62/93 FT. LT.) TO S 209+18.9 (64 FT. LT.) S 357+49.0 (57/70 FT. LT.) TO S 359+6.7 (56/70 FT. LT.) S 377+99.9 (61/77 FT. LT.) TO S 379+27.0 (61 FT. LT.)	88340	17670 840 160 260		66		17.8 0.4 0.1 0.2	243800 2480 530 590	193	18	239 71 65	1 THRU 8 1, 3, 7, 9 1, 3, 7, 9 1, 3, 7, 9	4. LANE LINES AND LEFT EDGE LINES SHA	T PMs
												5. SEE STD. PLAN M-24.60 FOR DRAINAGE MARKING AND JUNCTION BOX, PULL BOX, CABLE VAULT MARKING LAYOUTS.	
												6. SEE STD. PLAN M-7.50 FOR HIGH OCCUPANCY VEHICLE (HOV) LANE SYMBO LAYOUT.	DL
												7. ALL PLASTIC PAVEMENT MARKINGS SH. BE TYPE D.	ALL
												8. SEE TPM1 AND TPM2 FOR ADDITIONAL QUANTITIES.	
												9. SEE STD. PLAN M-2.20 AND M-2.21 FOR AREA MARKING LAYOUTS AND SUPPLEME TYPE 2 RAISED PAVEMENT MARKERS.	
												10. SEE STD. PLAN M-24.20 FOR LAYOUT C TRAFFIC ARROWS FOR HIGH-SPEED	DF
												ROADWAYS.	
SHEET TOTAL PROJECT TOTAL	128200 278840	28570 62640	3 4	98 283	45	27.5 60.6	362020 787280	293 897	27 59	727 977			
DESIGNED BY R. CARTER ENTERED BY R. CARTER CHECKED BY Y. KUANG				10 JOB N	STATE WASH JMBER	FED. AID PROJ. NO.	·		Washington St	ate		I-5 IWAMISH RIVER TO S LUCILE ST RETE PAVEMENT REHAB & JOINTS	QTPM2 SHEET 62
PROJ. ENGR. C. ANDERSON  REGION ADM. B. NIELSEN  DATE DATE		REVISION	BY	22A					Department of Trans		QUANTI	TY TABULATION - PAVEMENT MARKINGS	OF 278 SHEETS





<u> </u>		ITS Legend
Existing	New	
M		NEMA Junction Box
<sub>א</sub> א ע'א		Type 1 Junction Box
8		Type 2 Junction Box
۲,3 د ا		Type 3 Junction Box
F^77 £_3		Type 4 Junction Box
<b>5</b> 2		Type 5 Junction Box
513		Type 7 Junction Box
F 768 1 mm L <i>1</i> 78		Type 8 Junction Box
[ <u>c</u> v]		ITS Cable Vault
[PB]		ITS Pull Box
		Transformer Cabinet
F+-1 F+-1		CCTV Controller Cabinet
F ∓ ∃ F ∓ ∃ K T N		Data Station Controller Cabinet
[ <i>T</i> <u>C</u> ]		Terminal Cabinet
[CH]		Comunication HUB
Ō	0	R1 Induction Loop
00	00	R1S LOOP
QQ		R2 Induction Loop
O	0	WR Induction Loop
EI <b>3</b> X		CCTV Camera
		Conduit
7 T X Y X Y X Y X Y X Y X X Y X X X X X X		Electrical Service Cabinet
·Ŷ.		VMS Controller
न <u> </u>		VMS

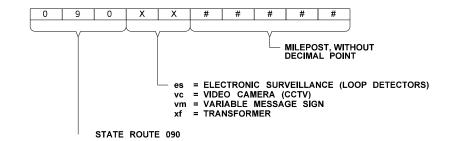
- 1. THE LOCATIONS OF FEATURES SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR AND BE APPROVED BY THE ENGINEER.
- 2. IN ALL JUNCTION BOXES THAT WORK WILL BE DONE, THE CONTRACTOR SHALL PROTECT ALL CONDUIT OPENING, REMOVE ALL DEBRIS USING "VACTOR" VACUUM TRUCK AND DIRT 6" BELOW THE BOX AND INSTALL CRUSHED SURFACING ROCKS IN THE BOTTOM OF JUNCTION BOXES PER STANDARD PLAN OR REMOVE AND RESET THE JUNCTION BOX.
- 3. IN ALL PULL BOXES AND CABLE VAULTS THAT WORK WILL BE DONE, THE CONTRACTOR SHALL PROTECT ALL CONDUIT OPENING, REMOVE ALL DEBRIS AND CLEAN VAULTS.
- 4. ALL MILE POSTS ARE APPROXIMATE.

# $\langle \ \ \rangle$ construction notes

- INSTALL TYPE R1S INDUCTION LOOP VEHICLE DETECTOR IN ACCORDANCE WITH THE INDUCTION LOOP VEHICLE DETECTORS SPECIAL PROVISION AND ITS DETAILS SHEETS ITD1-ITD2.
- PROTECT EXISTING LOOPS IN PLACE IF DAMAGED INSTALL TYPE R1S INDUCTION LOOP VEHICLE DETECTOR IN ACCORDANCE WITH THE INDUCTION LOOP VEHICLE DETECTORS SPECIAL PROVISION AND ITS DETAILS SHEETS ITD1-ITD2.
- REMOVE EXISTING LOOP SPLICE FOR ALL LOOPS THAT WERE REPLACED. REPLACE LOOP STUB-OUT CONDUIT TO MEET THE REQUIREMENTS OF TABLE A ON SHEET ITSD1. SPLICE NEW LOOP WIRES TO CORRESPONDING LOOP LEAD-IN CABLES IN ACCORDANCE WITH THE INDUCTION LOOP SPECIAL PROVISIONS AND ITS DETAIL SHEETS ITSD1 AND ITSD2.
- 4 PROTECT EXISTING UNDER ROAD CROSSING.
- (5) EXISTING DATA CABINET, TEST LOOPS IN ACCORDANCE WITH THE SPECIAL PROVISION.
- PROTECT EXISTING LOOPS IN PLACE. IF DAMAGED INSTALL TYPE R1 LOOP VEHICLE DETECTOR IN ACCORDANCE WITH THE INDUCTION LOOP VEHICLE DETECTORS SPECIAL PROVISION AND ITS DETAILS SHEETS ITD1-ITD2.

## **ABBREVIATIONS**

EX. = EXISTING TYP = TYPICAL PLS = PLACES



FILE NAME	T:\414124\ITS\SR5\XL6106 I5 c	luwamish\XL6106_PS_ITS.dgn						Ι
TIME	10:22:49 AM				REGION NO.	STATE	FED.AID PROJ.NO.	7
DATE	10/26/2022					WASH		Ι,
PLOTTED BY	Zacharc				ו ו	WASH		1
DESIGNED BY	C. ZACHARIAS					IUMBER		19
ENTERED BY	C. ZACHARIAS				22A	028		1
CHECKED BY	E. HAVENS				CONTR	RACT NO.	LOCATION NO.	7
PROJ. ENGR.	C. ANDERSON							
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY				



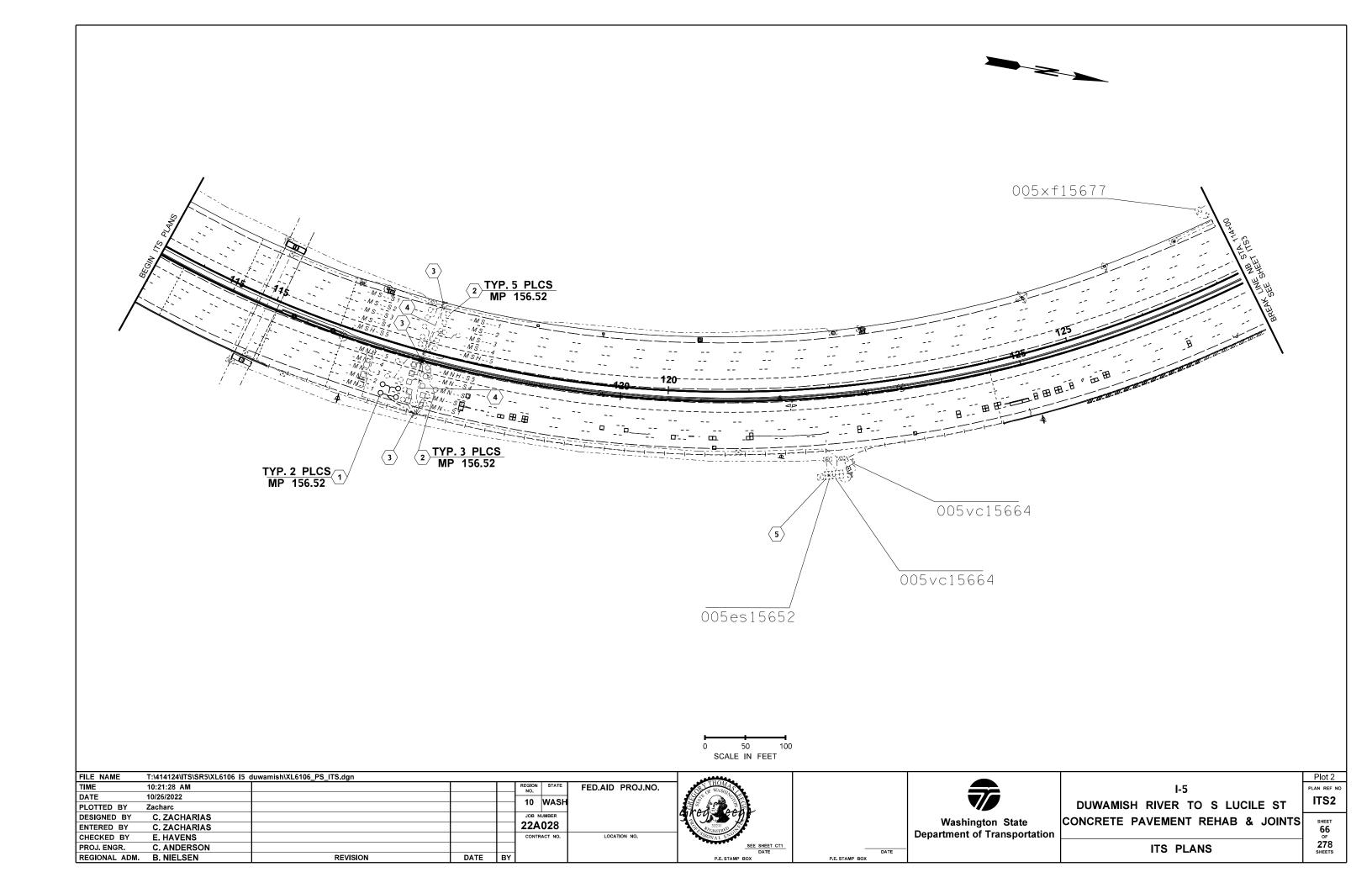


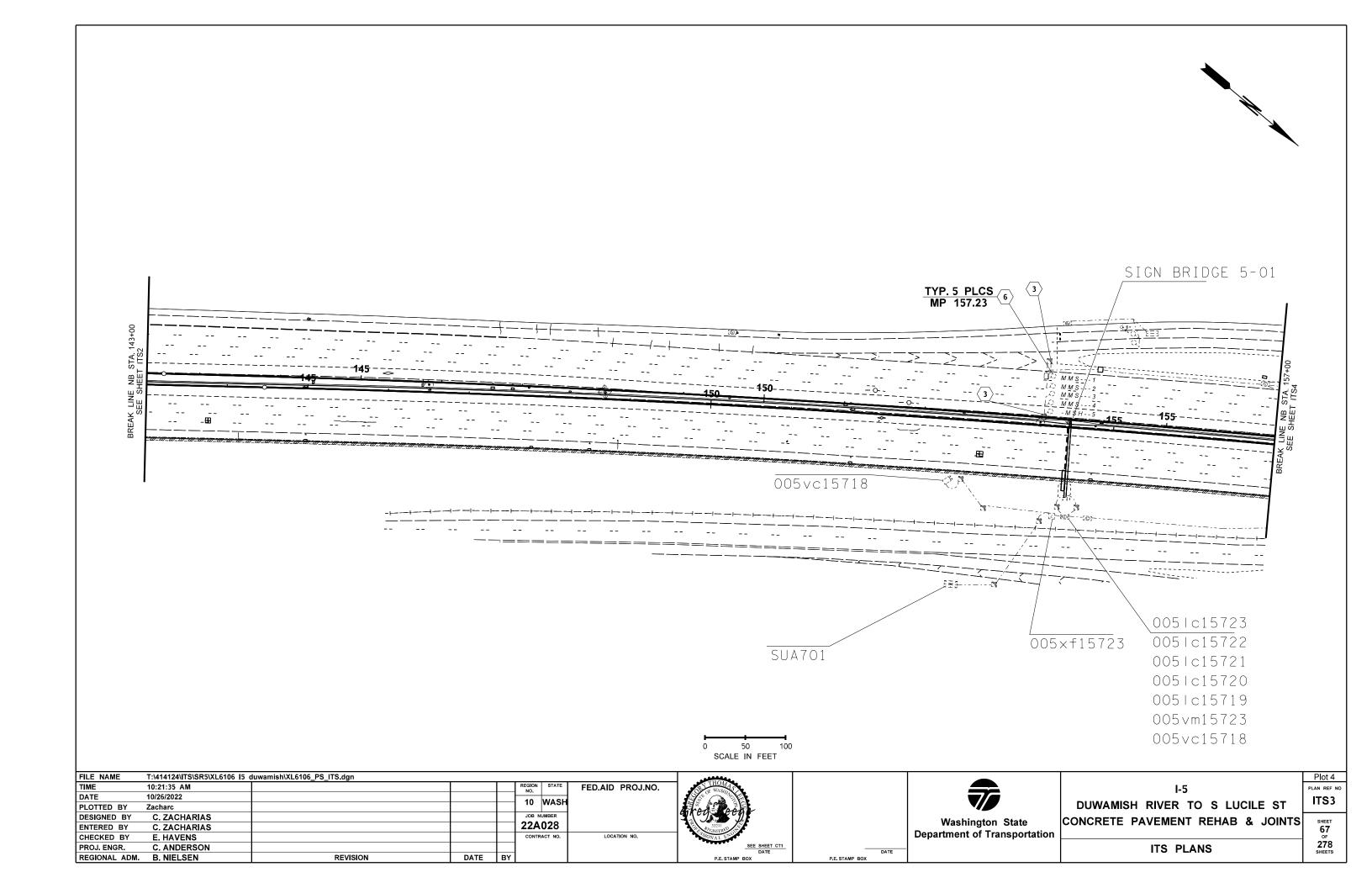
I-5
DUWAMISH RIVER TO S LUCILE ST
CONCRETE PAVEMENT REHAB & JOINTS
ITS PLANS

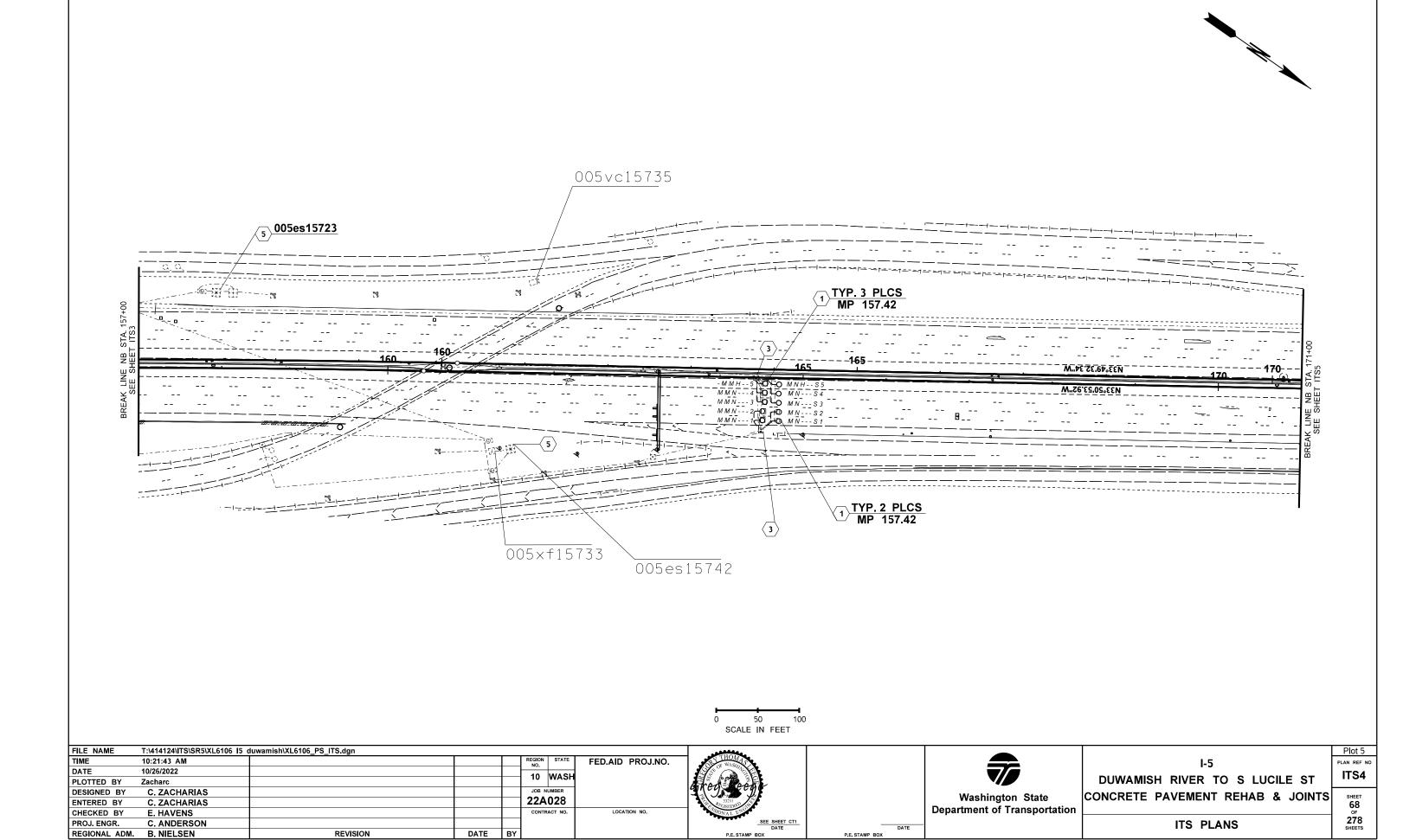
65 of 278 sheets

Plot 25

ITS1

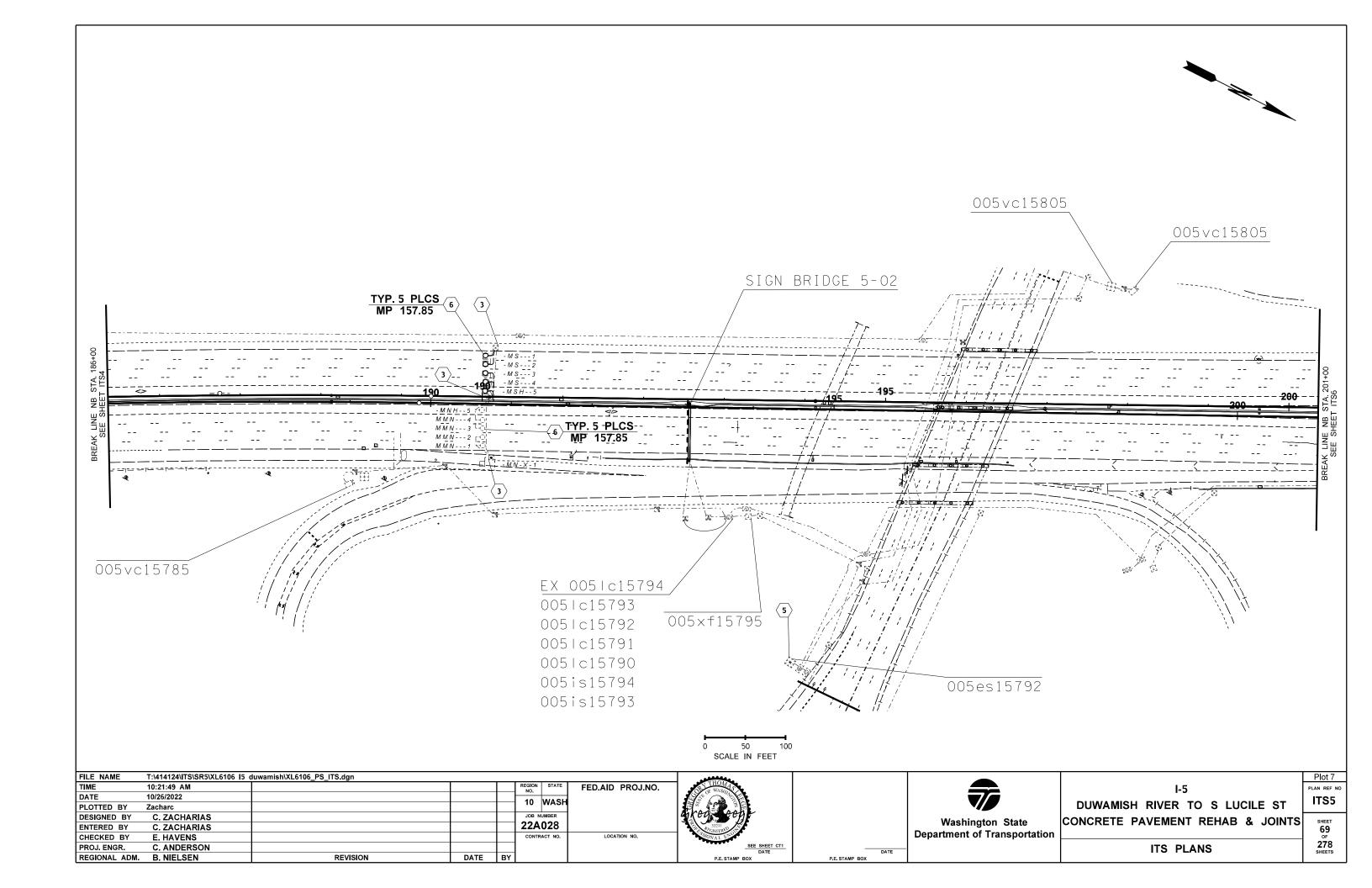


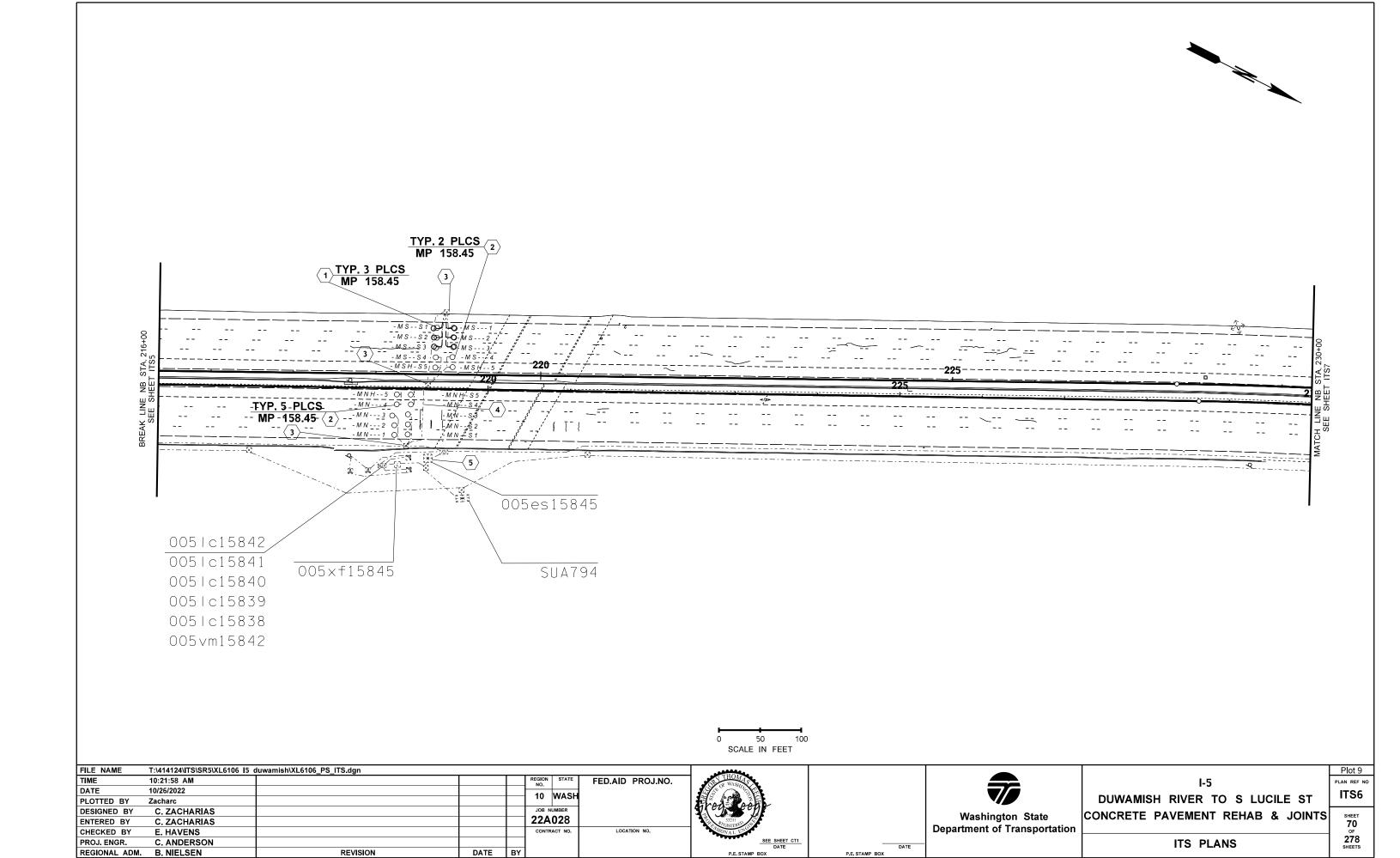


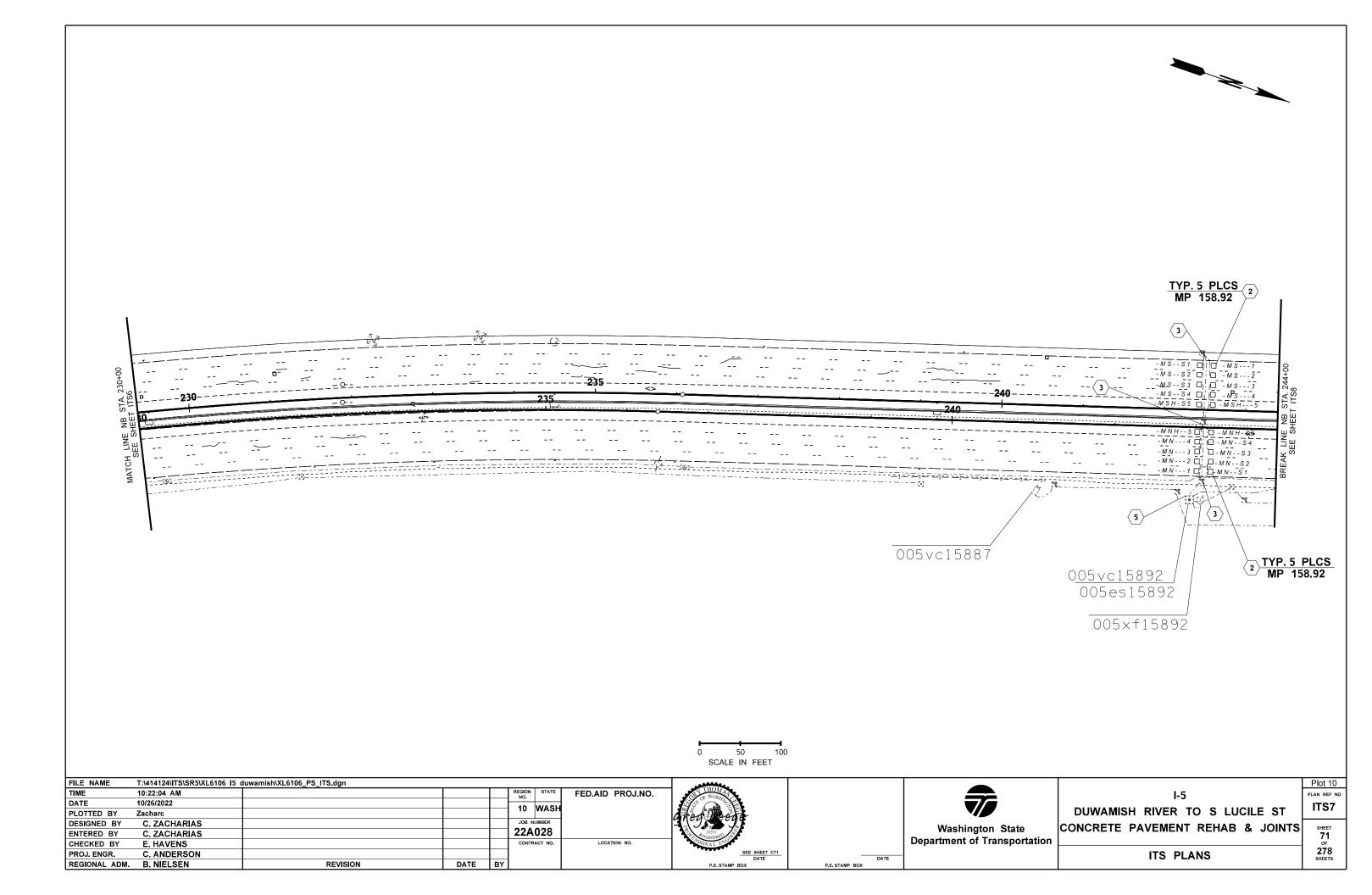


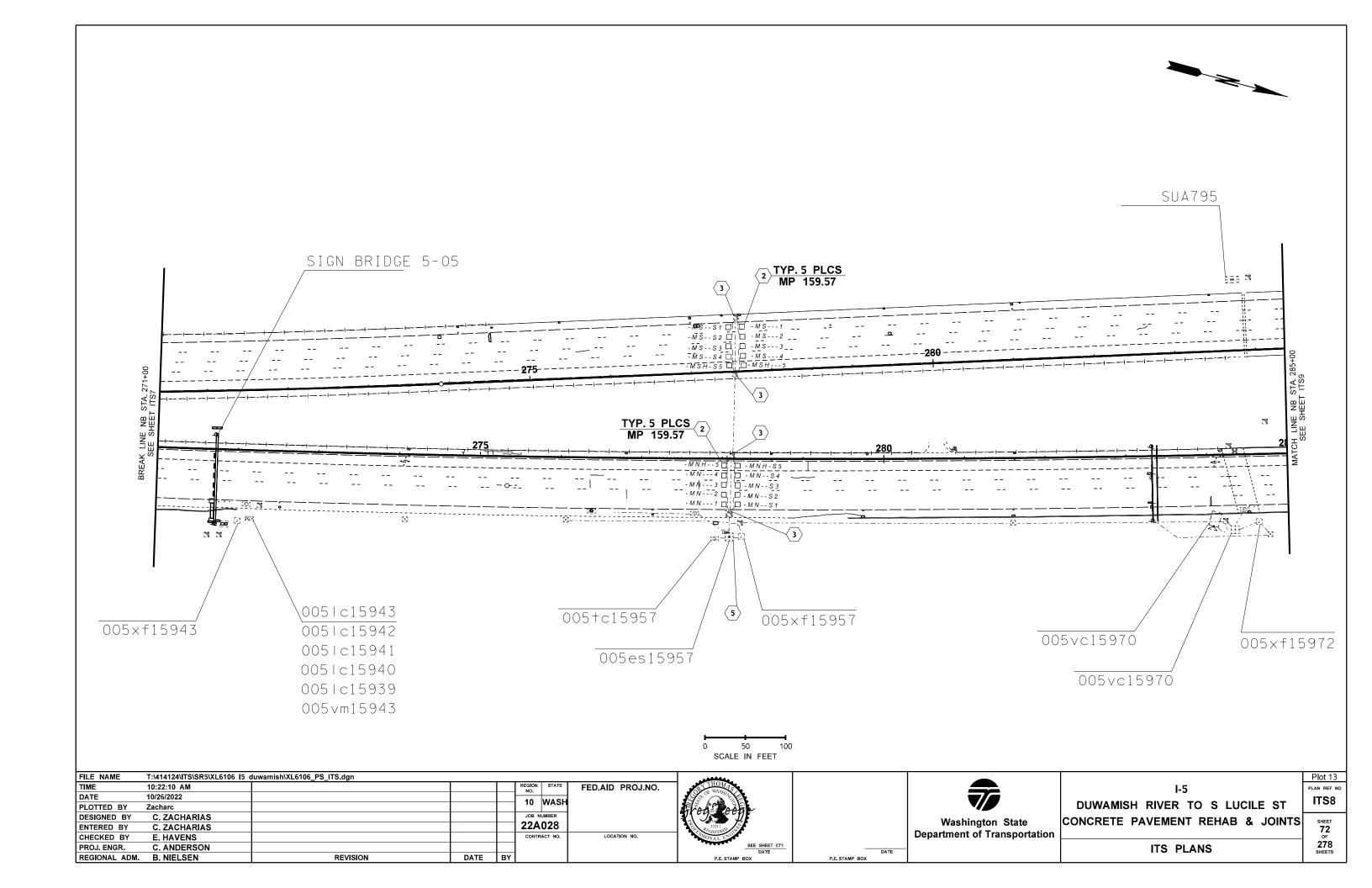
REVISION

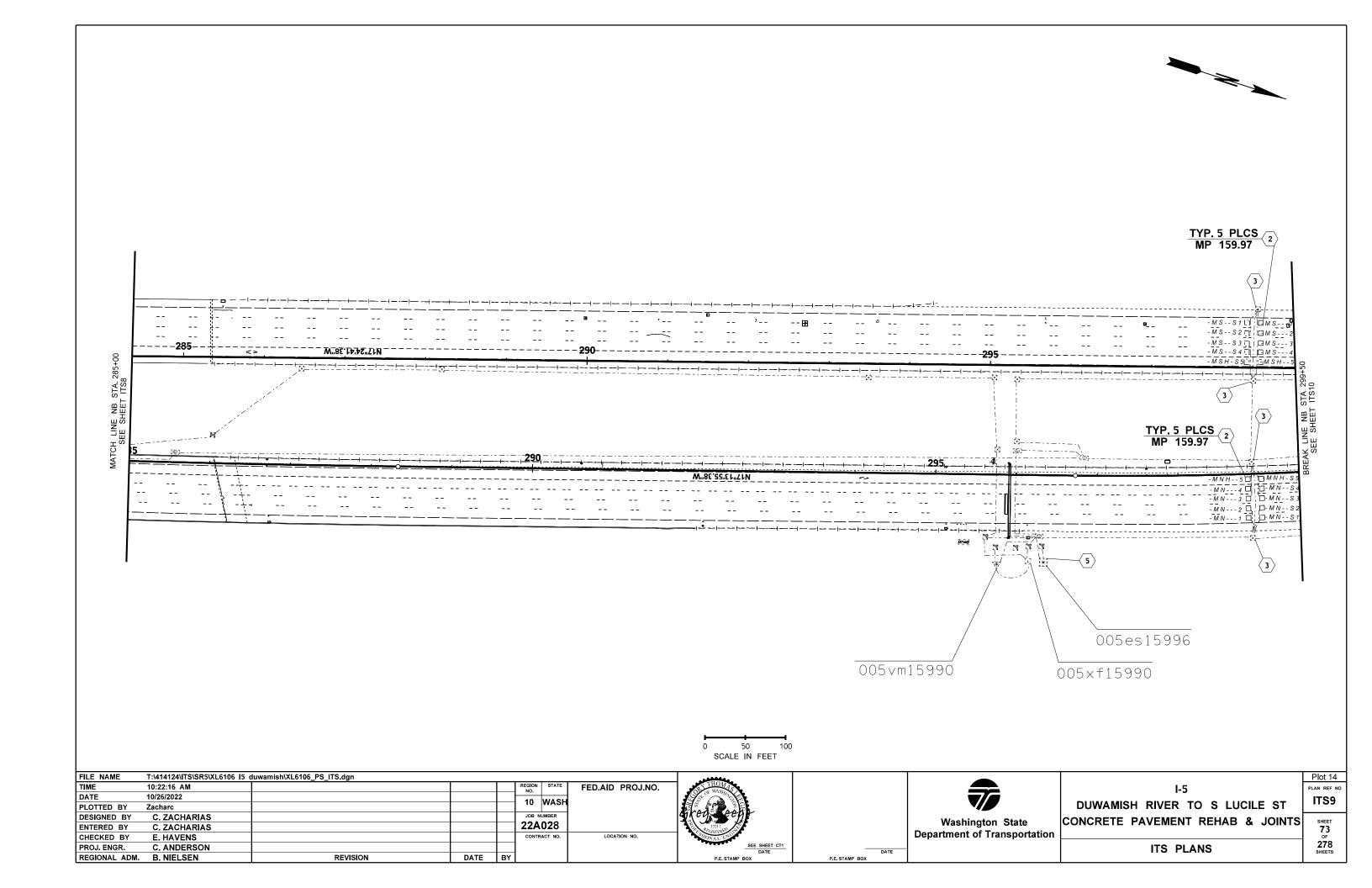
DATE BY

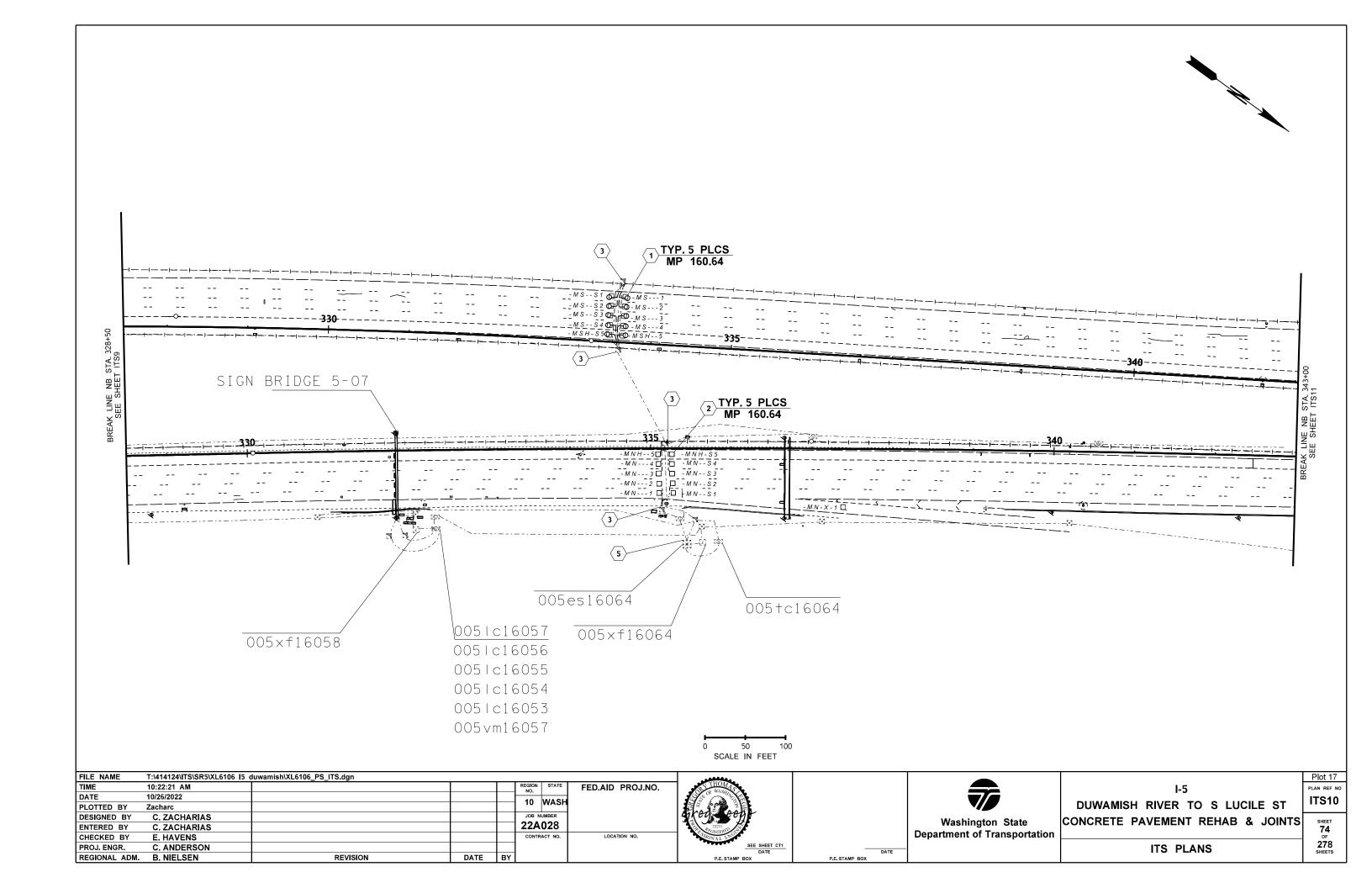


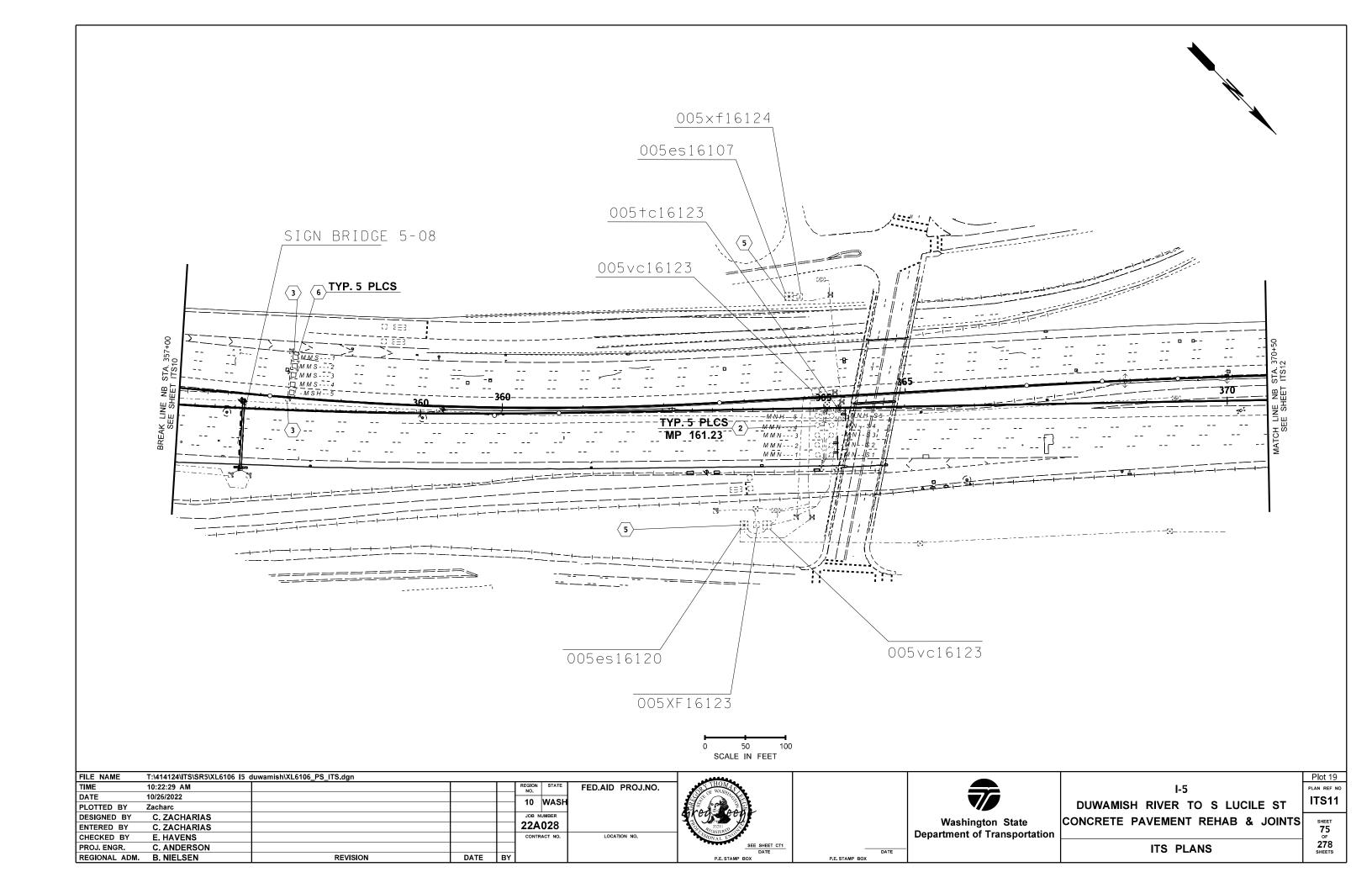


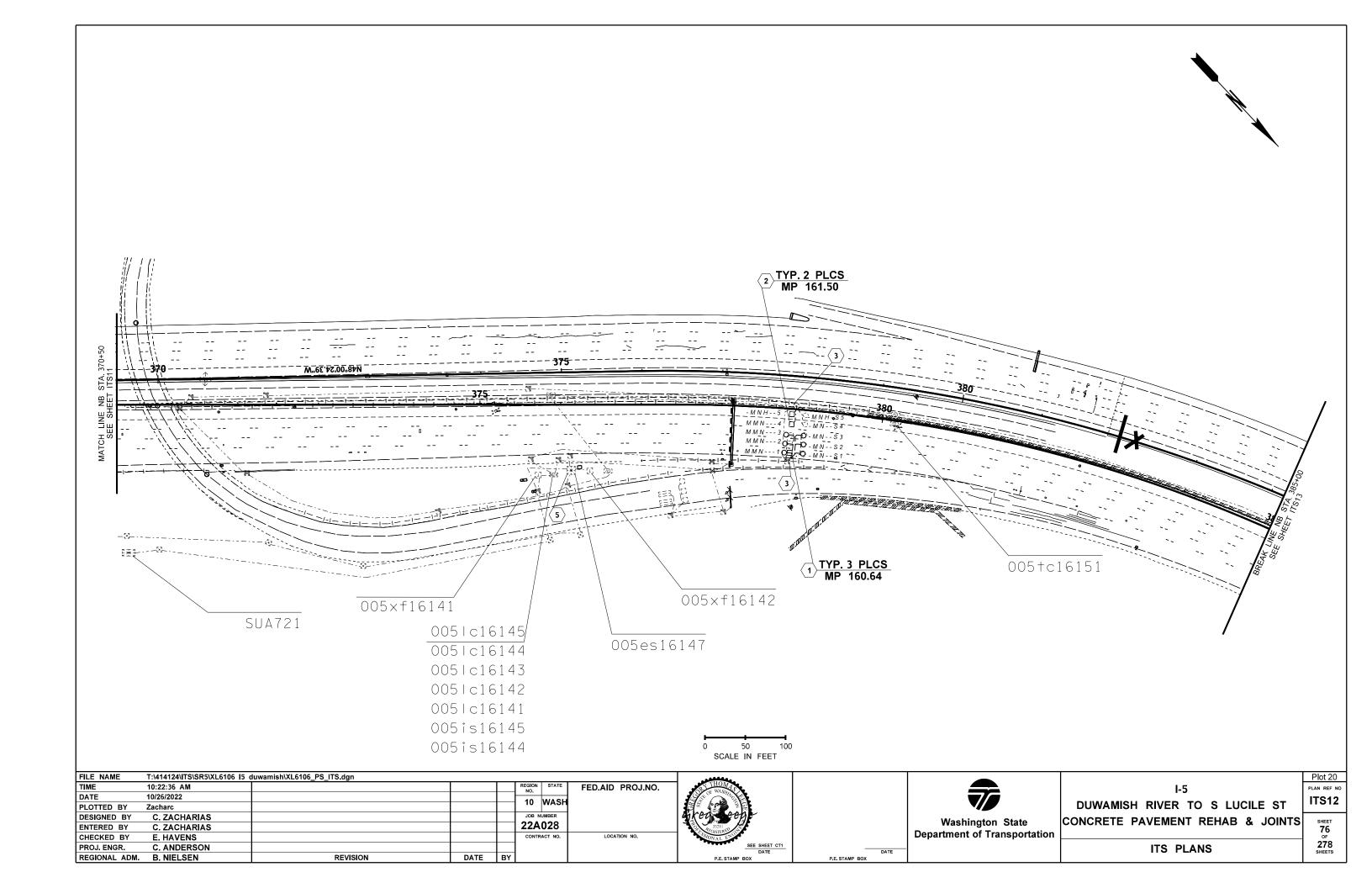


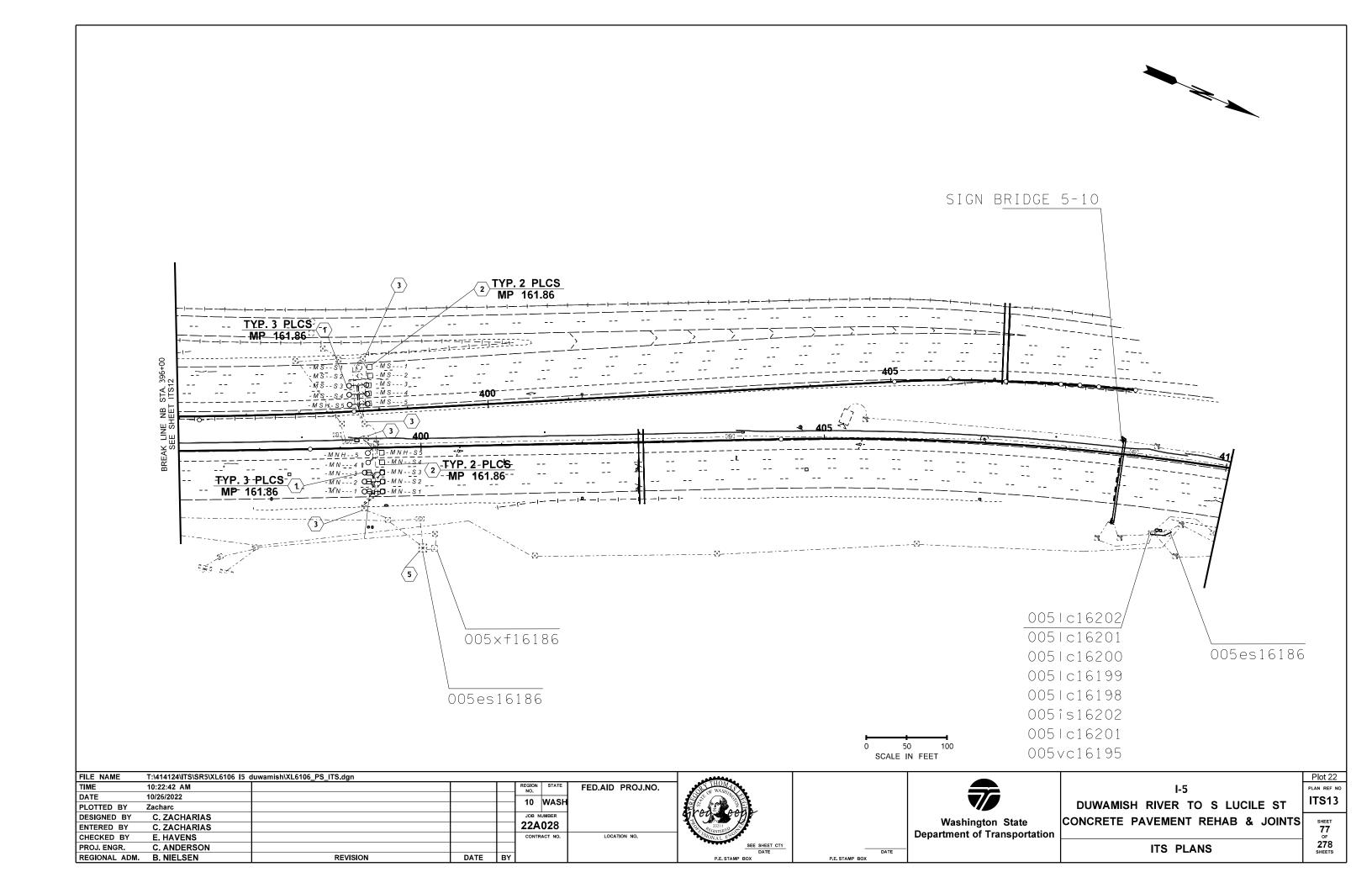












FOR LANES WIDER THAN 12 FEET

NOT TO SCALE

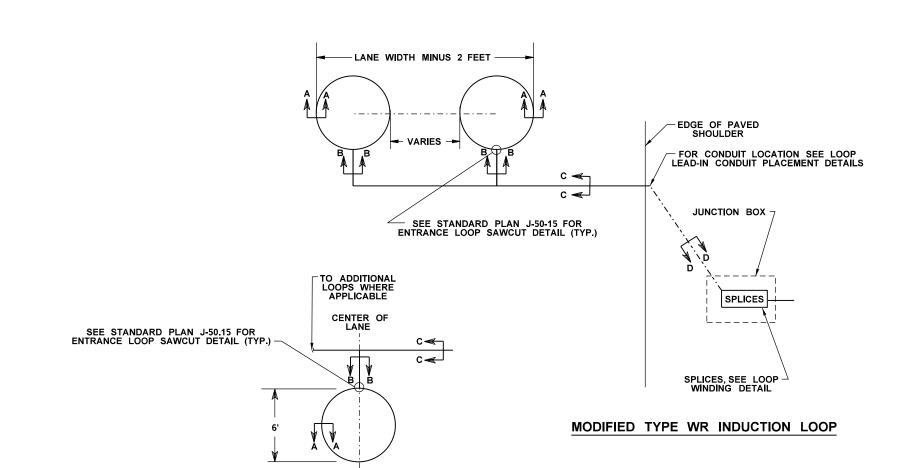
#### ITS STUB-OUT CONDUIT SIZE WITH 51-7 LOOP WIRE

LOOP LEAD PAIRS	1-6	7-12
CONDUIT SIZE (MIN.)	2"	2-2"

#### TABLE A

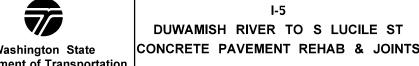
#### LOOP INSTALLATION NOTES

- 1. SEE STANDARD PLAN J-50.15 FOR ADDITIONAL LOOP DETAILS AND NOTES.
- COMPLETE INSTALLATION AND TEST LOOP CIRCUITS OR COMBINATION LOOP CIRCUITS. SEE STANDARD SPECIFICATION 8-20.3(14)D.
- 3. SEE SPECIAL PROVISIONS FOR SEALANT TO ENCAPSULATE CONDUCTORS.
- 4. SEE SPECIAL PROVISIONS FOR 51-7 LOOP WIRE #14 AWG.
- SPLICE LOOP LEADS OR SUPPLEMENTAL SPLICE LEADS TO NEW OR EXISTING SHIELDED CABLE.
- 6. SEAL ENDS OF CONDUIT WITH FOAM.
- 7. IMSA WIRE END SHALL BE SEALED PRIOR TO USE OF RUBBER TAPE OR DUCT SEAL.
- 8. CABLE IDENTIFICATION SLEEVES SHALL BE VERIFIED BEFORE SPLICES
- 9. THE NUMBER OF LOOP TURNS FOR R1 AND WR LOOPS VARY DEPENDING ON THE DISTANCE BETWEEN THE LOOPS AND THE CONTROLLER. NUMBER OF TURNS SHALL BE AS SHOWN IN THE WINDING TABLES IN THE ITS DETAIL.
- 10. LOOPS SHALL BE INSTALLED PRIOR TO THE FINAL LIFT OF HMA (ASPHALT), OR DURING CONCRETE PANEL INSTALLATION WHERE APPLICABLE.
- 11. IN THE NEW PAVEMENT AND PAVEMENT WITH HMA OVERLAY, LOOP "ID LOCATOR" SHALL BE INSTALLED ON THE TOP OF EACH STUB-OUT CONDUIT.
- 12. CENTER INDUCTION LOOP VEHICLE DETECTOR BETWEEN LANE LINES.
- 13. JUNCTION BOXES SHALL BE SIZED AS SHOWN IN THE ITS PLAN SHEETS.



### TYPE R1 INDUCTION LOOP

#### T:\414124\ITS\SR5\XL6106 I5 duwamish\XL6106\_PS\_ITS.dgn FILE NAME TIME 3:31:04 PM FED.AID PROJ.NO. DATE 10/26/2022 10 WASH PLOTTED BY Zacharc DESIGNED BY JOB NUMBER C. ZACHARIAS Washington State 22A028 ENTERED BY C. ZACHARIAS Department of Transportation CHECKED BY E. HAVENS LOCATION NO. PROJ. ENGR. C. ANDERSON DATE BY REGIONAL ADM. B. NIELSEN REVISION DATE



ITS PLANS

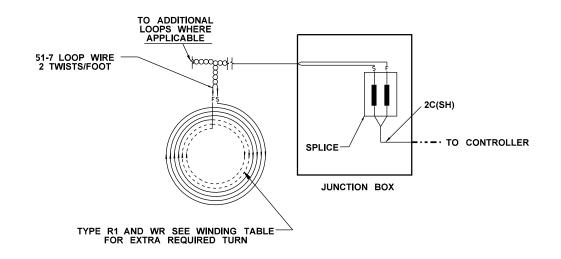
Plot 26

PLAN REF N

ITSD1

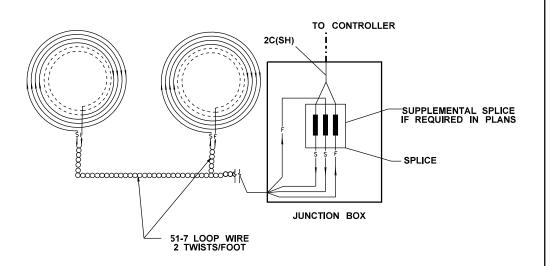
5HEET **78** 

278 SHEETS

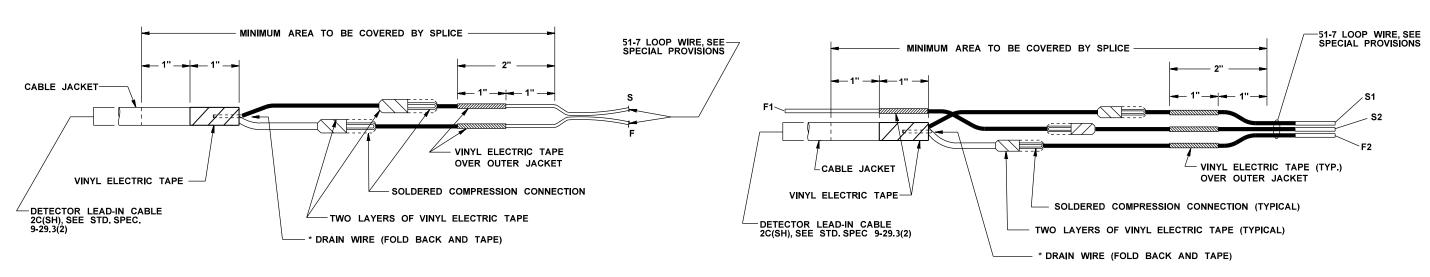


# TYPE R1 AND TYPE WR INDUCTION LOOPS LOOP WINDING DETAILS





# TYPE R2 AND MODIFIED TYPE WR INDUCTION LOOPS LOOP WINDING DETAIL



TYPE R1 AND WR WINDING TABLE

TURNS

CONTROLLER TO LOOP DISTANCE (FT)

0 - 400

401 - 600

601 +

\* GROUND DRAIN WIRE AT AMPLIFIER ONLY. SEE SPECIAL PROVISIONS FOR SPLICE MATERIAL.

## TYPE R1 AND TYPE WR INDUCTION LOOPS SPLICE DETAILS

# TYPE R2 AND MODIFIED TYPE WR INDUCTION LOOPS SPLICE DETAIL

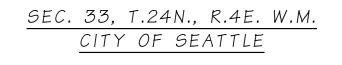
\* GROUND DRAIN WIRE AT AMPLIFIER ONLY.

SEE SPECIAL PROVISIONS FOR SPLICE MATERIAL.

NOTE: SPLICE KITS SHALL BE CENTERED ON CONDUCTORS AND SUFFICIENT SLACK SHALL BE PROVIDED THAT THE SPLICE CAN BE RAISED A MINIMUM OF 18" ABOVE GROUND LINE.

NOT TO SCALE

FILE NAME	T:\414124\ITS\SR5\XL6106 I5 duwamish\XL6106_PS_ITS.dgn									Plot 27
TIME	10:22:59 AM		F	REGION STATE	FED.AID PROJ.NO.	THOM TO WAS A STATE OF THE WAS A			I-5	PLAN REF NO
DATE	10/26/2022			10 WASH						ITSD2
PLOTTED BY	Zacharc			10 WASH					DUWAMISH RIVER TO S LUCILE ST	11002
DESIGNED BY	C. ZACHARIAS			JOB NUMBER		3,09		Washington State	CONCRETE PAVEMENT REHAB & JOINTS	SHEET
ENTERED BY	C. ZACHARIAS			22A028		33211 REGISTERED ST		1		79
CHECKED BY	E. HAVENS			CONTRACT NO.	LOCATION NO.	SONAL ENG		Department of Transportation		OF
PROJ. ENGR.	C. ANDERSON					SEE SHEET CT1	DATE	-	ITS PLANS	278 SHEETS
REGIONAL ADM.	. B. NIELSEN REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			SHEETS



1-5

1-405 5.2 MILES TASI-O' BK TO BK OF PAVEMENT SEATS

EDGE OF BRIDGE
DECK (TYP.)

BRIDGE NO. 5/531W

EXPANSION JOINT MODIFICATION
REPL. COMP. SEAL AND HEADER
SEE SHEET BAZ (TYP. BOTH ENDS)

PLAN

LEGEND

B IDENTIFIES SECTION, VIEW OR DETAIL

TAKEN OR SHOWN ON BRIDGE SHEET 15

TAKEN OR SHOWN ON THE SAME SHEET

### GENERAL NOTES

- 1. ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION-ENGLISH, DATED 2023.
- 2. NEW CONSTRUCTION HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS 9TH EDITION, DATED 2020
- 3. EXISTING FEATURES AND DIMENSIONS ARE BASED ON INSPECTION REPORTS AND AS-BUILT PLANS. ALL DIMENSIONS SHALL BE FIELD MEASURED BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS AND PROCEEDING WITH CONSTRUCTION.
- 4. CONTRACTOR SHALL LOCATE EXISTING STEEL REINFORCING USING NONDESTRUCTIVE METHODS TO AVOID DAMAGE DURING CONCRETE REMOVAL OPERATIONS.

-														
2	Bridge Design Engr.	Khaleghi, в		M:\W-T€	eam\I-5 Duwamish River to S	Lucile	St	- Expa	nsion	Joints\	5-531w Layout.MAN			Τ
3	Supervisor	ROSA, MA							REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS	
٠.	Designed By	PHILLIPS, D	1/22											
:	Checked By	ROSA, MA	1/22						10	WASH.				
1	Detailed By	PHILLIPS, D	1/22						TOP	JUMBER				
4	Bridge Projects Engr.									A028				
2	Prelim, Plan By							,	CONTR	RACT NO.				
	Architect/Specialist			DATE	REVISION.		BY	ΔPP/D					1 1	

BRIDGE AND STRUCTURES OFFICE

P.E. STAMP BOX





I-5
DUWAMISH RIVER TO S LUCILE ST
CONCRETE PAVEMENT REHAB & JOINTS
5/531W

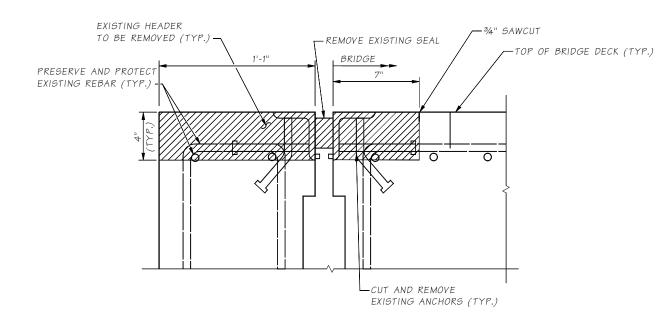
LAYOUT

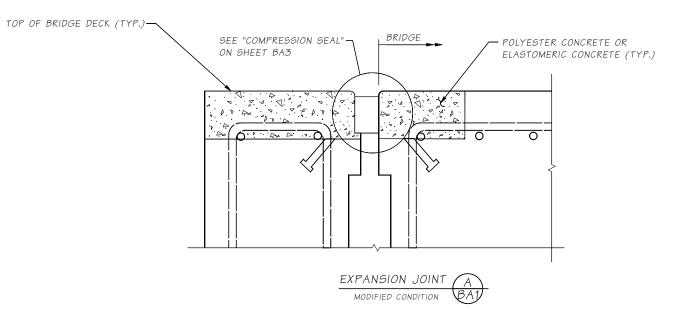
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SK 777 FILE NO. Job S

T BA1 NTS SHEET 80

OF 278





EXPANSION JOINT EXISTING CONDITION

Bridge Design Engr. Khaleghi, B M:\W-Team\I-5 Duwamish River to S Lucile St - Expansion Joints\5-531W Exp Jt.MAN REGION STATE FED. AID PROJ. NO. SHEET TOTAL NO. SHEETS Supervisor ROSA, MA 1/22 Designed By PHILLIPS, D 10 WASH. 1/22 Checked By Detailed By PHILLIPS, D 1/22 JOB NUMBER 22A028 Bridge Projects Engr. Prelim, Plan By CONTRACT NO. Architect/Specialist



BRIDGE AND STRUCTURES OFFICE SEE SHEET CT1 DATE

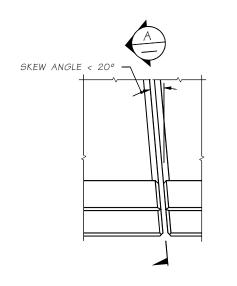


I-5
DUWAMISH RIVER TO S LUCILE ST
CONCRETE PAVEMENT REHAB & JOINTS
5/531W

EXPANSION JOINT REPAIR 1 OF 2

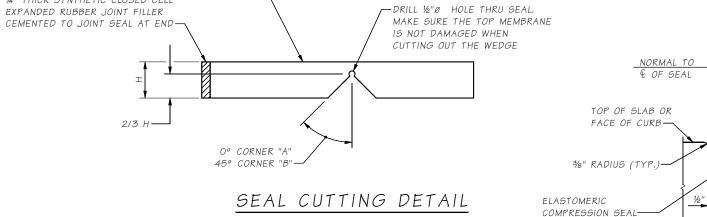
81 278

BA2









D.S. BR	ROWN		BOWMAN ME
SEAL	WIDTH	SEAL	WIDTH
CV-2502	2½"	WA-250	21/2"

### COMPRESSION SEAL

-A CONSTR.

@ 40° F

@ 64° F

@ 80° F

TEMPERATURE OF

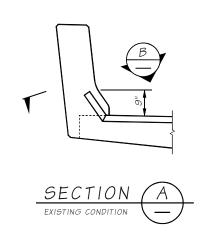
EXPANSION JOINT

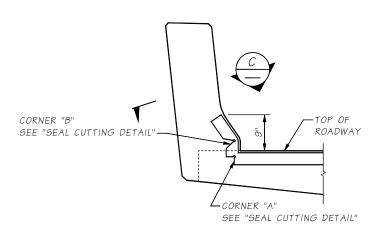
-FULLY COMPRESSED

SEAL HEIGHT

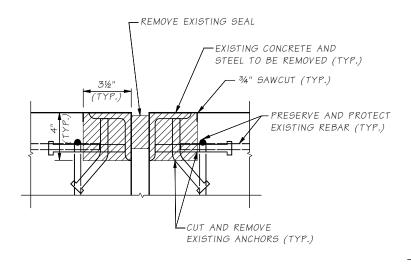
STRUCTURE AT TIME OF FORMING

CONCRETE OPENING

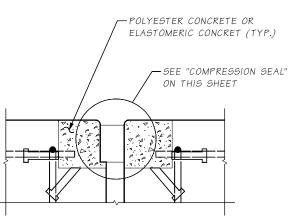














1	Bridge Design Engr.	Khaleghi, B		M:\W-T∈	eam\I-5 Duwamish River to:	S Lucile	St	- Expa	nsion	Joints\	5-531w Exp Jt 2.MAN			
į	Supervisor	ROSA, MA							REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS	
٠.	Designed By	PHILLIPS, D	1/22											١,
	Checked By	ROSA, MA	1/22						10	WASH.				1
	Detailed By	PHILLIPS, D	1/22						TOPA	JUMBER			/	۱ ۱
į	Bridge Projects Engr.									A028				፣
	Prelim, Plan By								CONTR	ACT NO.				
	Architect/Specialist			DATE	REVISION.	- 1	BV	ΔPPD					1	l



BRIDGE AND STRUCTURES OFFICE



I-5
DUWAMISH RIVER TO S LUCILE ST
CONCRETE PAVEMENT REHAB & JOINTS
5/531W

EXPANSION JOINT REPAIR 2 OF 2

SHEET

82

OF

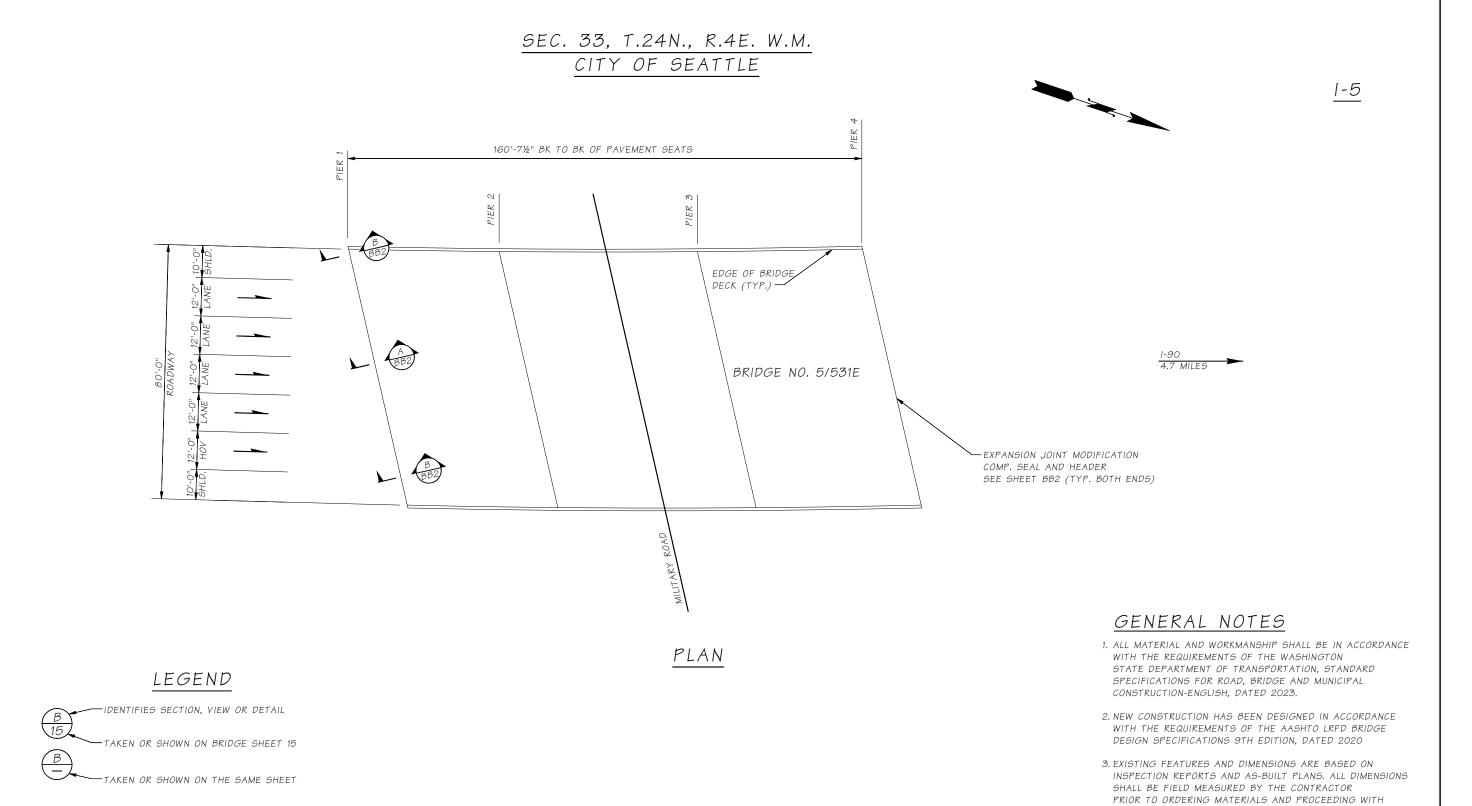
278

SHEETS

BA3

Architect/Specialist

NO. SHEET



Bridge Design Engr.	Khaleghi, 1	В	M:\W-T	eam\I-5	Duwamish Rive	r to S Lucile	st:	. – Expa	ansion	Joints\	5-531E Layout MAN			П
Supervisor	ROSA, MA								REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS	1
Designed By	PHILLIPS,	1/22												1
Checked By	ROSA, MA	1/22							10	WASH.				
Detailed By	PHILLIPS, I	D 1/22							TOP	NUMBER				
Bridge Projects Engr	;									NOMBER 2A028				1
Prelim, Plan By									CONTR	RACT NO.				
Architect/Specialist			DATE		REVISION		BY	APP'D						

BRIDGE AND STRUCTURES OFFICE

P.E. STAMP BOX





DUWAMISH RIVER TO S LUCILE ST
CONCRETE PAVEMENT REHAB & JOINTS
5/531E

4. CONTRACTOR SHALL LOCATE EXISTING STEEL REINFORCING
USING NONDESTRUCTIVE METHODS TO AVOID DAMAGE DURING

CONSTRUCTION.

CONCRETE REMOVAL OPERATIONS.

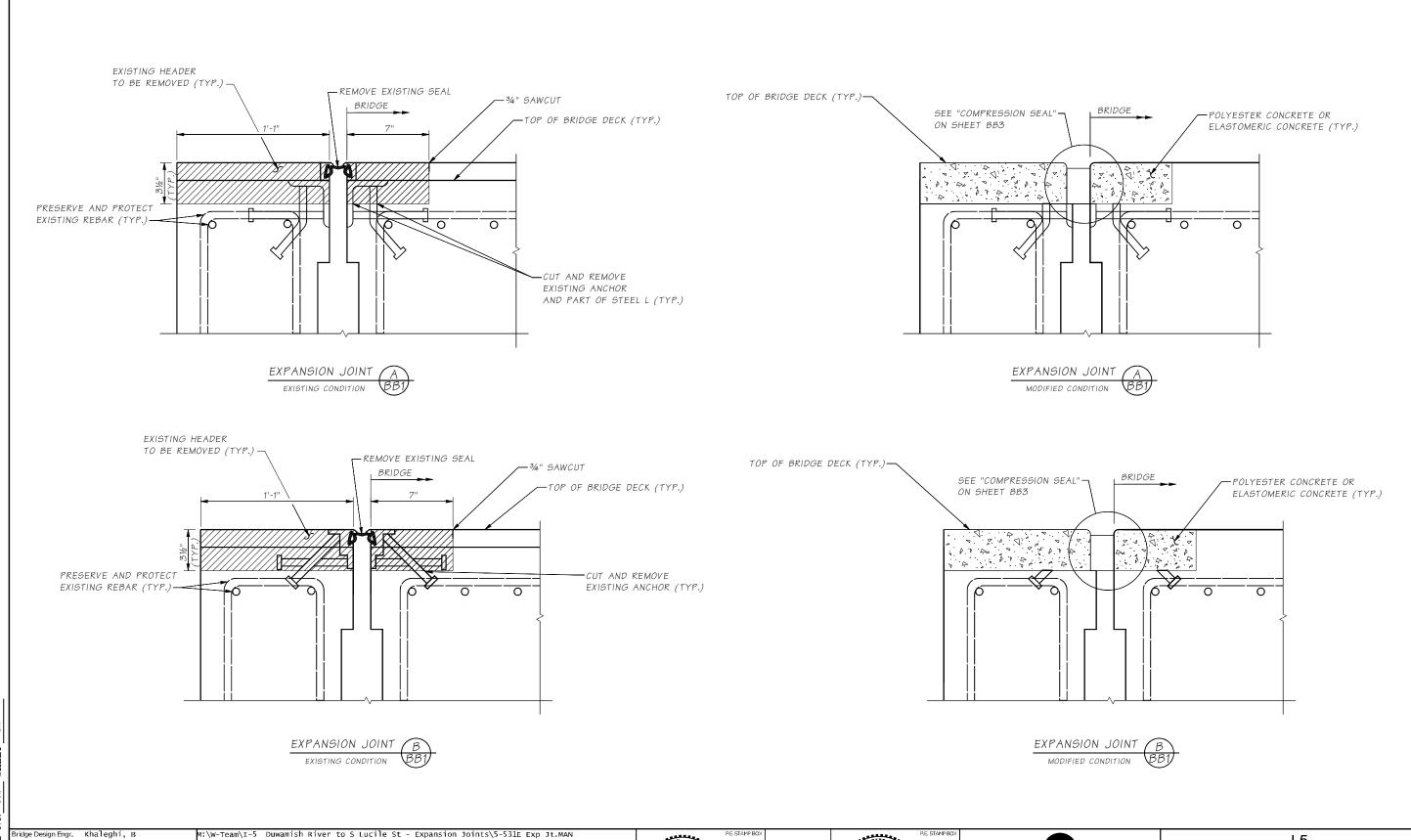
LAYOUT

83 or 278

BB1

Tue Oct 25 08:40:30 2022

??? FILE NO. Job S



Supervisor

Designed By

Checked By

Detailed By

Bridge Projects Engr. Prelim, Plan By

Architect/Specialist

REGION STATE FED. AID PROJ. NO. SHEET TOTAL NO. NO. SHEETS ROSA, MA 1/22 PHILLIPS, D 10 WASH. 1/22 PHILLIPS, D 1/2 JOB NUMBER 22A028 CONTRACT NO.

M:\W-Team\I-5 Duwamish River to S Lucile St - Expansion Joints\5-531E Exp Jt.MAN



BRIDGE AND STRUCTURES SEE SHEET CT1 DATE



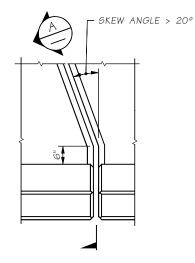
I-5
DUWAMISH RIVER TO S LUCILE ST
CONCRETE PAVEMENT REHAB & JOINT
5/531E

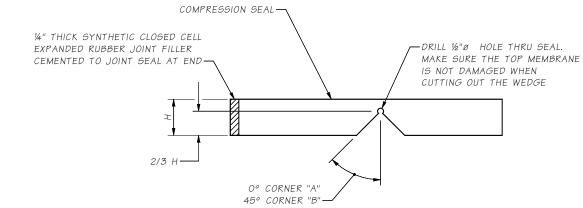
EXPANSION JOINT REPAIR 1 OF 2

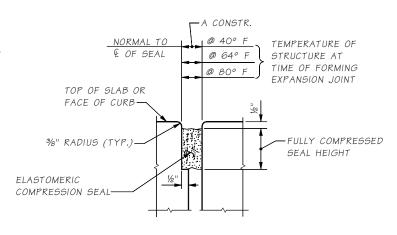
84 278

BB2









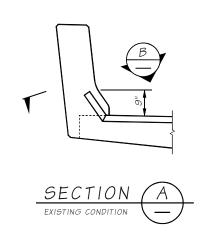
	D.S. BR	ROWN	WATSON BOWMAN ACME					
	SEAL	WIDTH	SEAL	WIDTH				
1	CV-2502	2½"	WA-250	2½"				

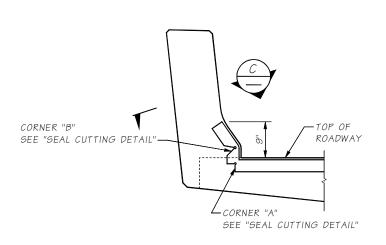
<u>PLAN</u> EXPANSION JOINT

SEAL CUTTING DETAIL

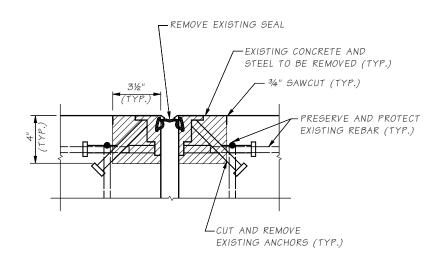
### COMPRESSION SEAL

CONCRETE OPENING

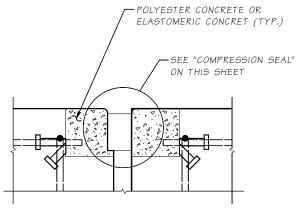














Bridge Design Engr.	Khaleghi, B M:\W-Team\I-5 Duwamish River to S Lucile St - Expansion Joints\5-531E Exp Jt 2.MAN										Г	
Supervisor	ROSA, MA						REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS	
Designed By	PHILLIPS, D	1/22										ĺ
Checked By	ROSA, MA	1/22					10	WASH.			'	1
Detailed By	PHILLIPS, D	1/22					TOP	NI IMPED			1 1	
Bridge Projects Engr.							JOB NUMBER 22A028				'	
Prelim, Plan By							CONTRACT NO.					
Architect/Coocialist			DATE	DE ACTON	DV.	∆ DDID	1				1 '	1



BRIDGE AND STRUCTURES OFFICE



I-5
DUWAMISH RIVER TO S LUCILE ST
CONCRETE PAVEMENT REHAB & JOINTS
5/531E

EXPANSION JOINT REPAIR 2 OF 2

SHEET 85 OF 278 SHEETS

BB3

Tue Oct 25 08:41:32 2022

TILE NO. Job SHEET BR??

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